

# VHF-UHF DIGEST

the official publication of the Worldwide TV-FM DX Association

SEPTEMBER 1979

IN THIS ISSUE:

*A CONVERTER  
FOR F<sub>2</sub> TV DX*



WMAR-TV / BALTIMORE

# From The Staff :

**WTFDA Headquarters, P.O. Box 97, Calumet City, IL 60409**

**WTFDA CONVENTION...**This year's gathering was quite a success, with over 40 DXers in attendance. Hosts Tom Yingling, Jr., and Don Blevins did a great job on the Baltimore event, which will be detailed in a report next month. One of the highlights of this year's convention was a tour of WJAR-TV and WJ. WJAR-TV's logo highlights this month's cover.

**1980 CONVENTION BIDS OPEN...**If you'd like to host the 1980 WTFDA convention, you must submit a bid in writing to HQ. A single paragraph will do, but please let us know the proposed site and dates. Deadline for bids is November 1, 1979.

**COLUMN NEWS...**We'd like to announce that we have two new editors for the CCI column. Send your unidentified DX mysteries to Scott and Mark Levitt, 3132 Woodland Drive, S. Plainfield, NJ 07080...**PHOTO NEWS** and **TV SCOREBOARD** did not appear last month due to USPS delays; this month's **PHOTO NEWS** is actually the August and September columns combined...**F2--WHAT CAN WE EXPECT**, a two part series, will conclude next month. This month's installment was "bumped" to make room for Jerry Pulice's super article on building a converter for foreign TV DX. There's not too much time left before VHF F2 starts!

**NEW WTFDA ADDRESS...**WTFDA HQ has a new address, so please take note: Post Office Box 97, Calumet City, Illinois 60409. Mike Hogan will be handling incoming mail, to facilitate publisher Pete Oprisko's many club duties. Mail sent to the old Whiting address will continue to reach us for now, but please use the new address to speed things up.

**GOOD NEWS FOR DXERS...****CB Magazine**, best of the national personal communications publications, is expanding its coverage to include DXing, and will feature a monthly TV-FM DX column written by WTFDA's own John Zondlo. The column starts in the October issue, but CB Magazine is already of great interest to PSB DXers as well, with a regular "Monitoring" section. Among many other items of interest, the September issue has a review of the new Regency aviation band scanner.

## TABLE OF CONTENTS

MAILBOX: Some great TV DX has been seen in England.....	3
WTFDA NEWSWIRE: Texas Instruments' TV prototype a fiasco?..	5
A REVIEW OF THE BEARCAT SCANNERS: A look at the 210 & 250..	6
F2 TV DX CONVERTER: Ingenious circuit for foreign TV DX...	8
IN SEARCH OF PSB: Featuring Monroe County, New York.....	11
SOUTHERN FM DX: A lean season, but Floridians do well....	12
NORTHERN FM DX: Not much Es this year; tropo improving....	17
TECHNICAL TOPICS: Some questions on FM DXing.....	25
FCC FM NEWS: KXCV 90.5 knocked off the air by fire?.....	26
PHOTO NEWS: Featuring Tom Yingling's DX antennas.....	28
FCC TV NEWS: Five pages of Canadian news included.....	30
EASTERN TV DX: Some good tropo openings in the Midwest....	37
WESTERN TV DX: An uneventful July, not many reports.....	50
VHF UTILITY DX: Pat logs Florida pagers in Australia!.....	51
TV STATISTICS: The Total Political Units listing.....	54
INTERNATIONAL NOTES: A brief Mexican TV update.....	55





# MAILBOX

John Zondlo  
6617 Maryland  
Hammond, IN 46323  
(219) 844-8694  
Deadline: 10th

### New Members:

John Blue	P.O. Box 86	Davison, MI 48423
Robert Forsman	Route 1, Box 241	Noxapater, MS 39346
Bruce Hammond	1509 Marshall, #407	Liberty, TX 77575
Mark Levitt	3132 Woodland Ave.	S. Plainfield, NJ 07080
Alan Michalek	227 Redlands St.	Springfield, MA 01104
R. Colin Newell	2360 Forbes St.	Victoria, BC V8R 4B6
Michael Porter	8801 Gustine Lane, #306	Houston, TX 77031
Loyd Reedy	1146 7th St.	Ripon, CA 95366

### Renewals:

Jim Ayers, John Barber, Jr., John Basehore, Walt Breville, R.S. Broadhead, John Clemmer, Roosevelt Crawford, Bob Curole, John Ebeling, Al Ellis, Richard C. Evans, Joe Fela, Paul Gaines, Bill Grant, Steven Grimm, Bill Heusmann, Mike Hollis, Tom Huehn, David Legler, Albert S. Lobel, Nick Lombardi, David Martin, David Nordmann, John Parillo, Walter Patton, Paul Petosky, John S. Phillips, Lee Prescott, Mike Reid, Don Ruland, Ronald Schatz, Michael Scheel, Steven Shaffer, Doug Talley, Richard Turcsany, Dave Wardell, Paul Wardell, Jim White, Craig K. Willard.

### Rejoins:

Ken Blair-835 Prescott Drive-Lebanon, PA 17042  
Andy Bolin-709 Lincoln Ave.-Charleston, IL 61920  
William Eckberg-RR #2-Walnut, IL 61376  
Thomas Holmes-2312 Blakeford Lane-Charlotte, NC 28211  
Lexington Smith-55 East End Ave., Apt. 4G-New York, NY 10028

### Address Changes:

Daryl Herzog-5625 Elsinore Ave.-Buena Park, CA 90621  
John Jefferson-4016 Crest Court-Pleasanton, CA 94566  
Jim Korn-P.O. Box 31111-San Francisco, CA 94131  
Bruce Metzner-870 Old Willow Road, #162-Prospect Heights, IL 60070  
Paul Petosky-Box 51-Trout Lake, MI 49793  
Robert Williams-312 Shoshone St. E, Apt. B8-Twin Falls, ID 83301  
David Wurl-908 W. 14th St.-Marshfield, WI 54449

### Renewals Due in October:

Tom Bishop, John Callarman, Neil Dickerson, Vernon Eaton, Robert Eddy, Phil Epstein, Michael Lauman, Jerry Leon, Doug Mackey, George McKay, Jr., August Miller, John Rieger, Raymond Rodriguez, Dr. Joel Rosenberg, W. Ryan, William Scully, Robert Sowinski, Mike Sweenez, Larry Van Horn, George Viera, Walter Wesolowski, Dr. Richard E. Wood.

New member JOHN BLUE is a retail manager in a hardware store who's interested in all forms of radio communications. His DX gear includes an RF-2200 and an FRG-7000. John is also a member of SPEEDX, NASWA, IRCA and NRC.

From the OI' South comes ROBERT FORSMAN, who also belongs to the Miami Valley DX Club. His interests include TV, FM, SW and AM, and he says he uses an FM tuner (type not listed) and various other receivers.

The call letters VE7DX1GH belong to new member R. COLIN NEWELL. His DX interests cover the range from FM-TV to SW to CCB to utility. He uses an AM-FM table radio, a 10 element FM yagi antenna, and a Realistic Patrolman AM-VHF-hi receiver.

### Tidbits.....

Congrats to Bob Langridge (Box 1014, Durant, IA 52747)! He reports that he's installed a 5' UHF dish with an AC-4990 preamp at 55', and has already picked up a 100 watt translator in nearby Iowa City. Keep up the good work, Bob, and be sure to report your catches!

Good to have Walter Patton (6252 Drolet St., Montreal, PQ H2S 2S7) with us for another year! He writes: "Gonna have to do something about the premium we Canadians have to pay for U.S. dollars. Perhaps if all the club members could buy a couple of hundred million dollars each of Canadian goods and services.....Thanks for the good work you guys are doing. Without you there wouldn't be a club." Appreciate the kind words, Walter.

In the June Mailbox we featured comments from Kevin Jackson (44 Farmhill Crescent, Leeds, West Yorkshire, LS7 2QA, England) about an unusual auroral reception. He writes with further comments: "I write concerning the suspect North American A2 signal that I saw. I did say that I thought it too early a closedown time, as now you say Newfoundland is -3.5 hours of GMT, so I do feel that it's not from the North American mainland. I read recently in a copy of the Benelux DX Club magazine for March one interesting reference to a television signal. I quote: "The reception of a USA station during the past summer has probably been an AFN station on channel A2 in the Faroe Islands." I have written to them, that is BDXC, about this statement, as I want to know why they think it was from the Faroe Islands. With regard to my auroral reception of a channel A2 signal, it would certainly come in on an aurora if there was a station on the Faroes or even Iceland, as they are both on GMT. The closedown time seems reasonable, possibly even a transmitter on the east coast of Greenland in the -2 hour GMT zone. I know that a transmitter was on the American base at Keflavik in Iceland, but as far as I know it was closed down. I can't even recall the channel. I remember there was some trouble with NATO at Keflavik. I have seen a photo of a mountain top in the Faroe Islands that's covered with long range surveillance radar, I assume part of the NATO DEW line. I wonder if the American forces moved to the Faroes after the Iceland trouble and set up a base. If that's so they did probably set up a TV transmitter also. With the signal being auroral it's going to be located to the north and the 3 countries mentioned seem the most likely locations. I feel that Greenland may be in the running, though as far as I know all the American bases are on the west coast, but maybe a new transmitter has been opened up. I wrote to Roger Bunney, who edits the DX column in the Television magazine, and he suggests the Faroes, Iceland, or even Greenland, with even the possibility of the transmitter being located in a rural part of the Canadian NE seaboard. Wherever the transmitter is located, it was my first-ever reception of 525 line system M signals." Kevin also reports on other DX in his part of the world: "Regarding the F2 conditions during the winter and spring, well things were really humming over here. I saw via F2 Rhodesia, USSR from the +4 hours GMT time zone to the +2 hours GMT zone, also signs of transmissions from China, with tentative receptions of East and West Malaysia, Australia, and an unidentified African transmission. I'm awaiting replies from Malaya and Australia. I saw the blank PM5544 test card on channel E2, which by all accounts is Malaysia, and a line sawtooth on channel A0, which can only be station ABMN in New South Wales, and I'm awaiting 100% confirmation. Since that period I've seen only Rhodesia, the most recent being May 29th, so I've been having a ball. Also many USA police, etc., heard, such as Arizona-Mexico border patrol with a screwdriver as the aerial, all on the TV set at 3 MHz bandwidth. Signals were extremely strong. I assume this winter will be as good or even better."

From the Garden State we have these words of wisdom from Paul Mount (471 Emerson Ave., Teaneck, NJ 07666): "July 10 was probably the day of the most exciting DX I've experienced. Around 7 PM I received a phone call from Eric Fader saying that he had skip on channel 3. I tried on 3 TVs but got nothing but locals (2 and 4 from NYC, 10 miles away). I went outside to play frisbee, instructing my mom to note any frequencies if Joe Fela called. Around 7:45 I was called in anyway to Joe on the phone, as my sister remarked, "I've got something on 3 that isn't 2 and 4," and a weak picture alternating with horizontal lines was seen. Joe said he heard "Wings" from West Palm Beach on 92.1, which I IDed as WNGS for him, and a few other FLs on 89.7 and 94.9 in particular. Recalling George Greene's story of how Tim Davisson, when in Tampa, would call George in Ohio if he was hearing OH FMs, and the Akron DXers could hear FL at the same time, I called ex-member Shel Swartz in West Palm Beach, telling him to turn on his radio! Meanwhile, on TV a talk show was seen, but every time I stuck my head in the doorway to look at the TV the signal would fade a bit. By this time my friends Dave and Robert had come in, wondering what was going on, and they sat down to watch. Shel was shouting, as he heard Taunton MA, near where he used to live, and I was shouting, too, as PBS credits were showing in an improving picture. He called Ken Simon on conference, and his wife was heard to say, "He can't talk to you now, he's getting something on FM," which turned out to be one of my semi-locals, WRSU. Then the big thrill. As Shel heard a Clarion PA ID on 91.7, the five of us were presented with a WEDU Tampa-St. Petersburg ID slide with a building on the right side. This was the first DX my friends had ever experienced, and the first TV DX ever received by anyone in my family here in Teaneck. Watching the ID slide form in front of our eyes was a thrill that still gives chills to think about." Way to go, Paul!

See y'all in October.....73.....jz



# WTFDA news wire...

Morrie S. Goldman  
5815 N. Christiana Ave.  
Chicago, IL 60659

**TI EXPERIMENTAL TV UNDER FIRE...** That experimental television receiver developed by Texas Instruments under an FCC contract, has been sharply criticized by old line TV makers. The receiver which was said to offer greatly improved UHF performance, selectivity and image rejection, apparently has a very poor noise figure and other shortcomings. The project is now in the hands of a new company called R.F. Monolithics, run by former TI engineers. These problems cast a shadow on any near-term TV set improvements that might have resulted from technology developed for the experimental receiver.

**NEW SINCLAIR FLAT POCKET TV SET?** British TV and test equipment maker Sinclair, has developed a new flat CRT that they hope will make possible a true pocket-size TV receiver. The small company can't proceed without outside financial help, however. As far as we know, they haven't called Chrysler...The original Sinclair pocket (big pocket) TV first sold in the US for around \$400. They're now being closed out by some retailers for \$200 to \$250. Replacement parts availability may be a future problem though.

**PHILIPS INTRODUCES 1/4" TRACK VCR...** The Dutch manufacturer that failed in the US with its original VCR (but succeeded in Europe) may be on the right track now. Philips becomes the first to introduce a VCR that records color signals on a 1/4" track. The machine, model VR2020, uses a 1/2" tape cassette that can be flipped over as in the standard Philips audio cassette. Recording time is an incredible 8 hours total: 4 hours per side. The unit is programmable for up to 5 separate programs, up to 16 days in advance. Priced in Europe at around \$1400, the new VCR probably won't see the US until '81. It is expected that by that time, at least one Japanese manufacturer will offer a new generation compact VCR using a 1/4" tape cassette.

**RECOMMENDED READING...** The Howard W. Sams Company has introduced a new book (#21584) by M. J. Salvati, entitled, TV Antennas and Signal Distribution Systems. At \$9.95, the 256 page paperback book sounds expensive, but this book is a gold mine of information. The author reports on his own extensive testing of antennas, baluns, cables, splitters and other devices, as well as covering the basics of antenna systems and installation. It's a well written and up-to-date book.

**COMSAT PLANS SATELLITE-TO-HOME PAY TV BY '83...** According to Broadcasting, Comsat has set a goal to begin a pay TV service by 1983 that would beam scrambled TV signals from an orbiting satellite directly to the homes of subscribers. Each receiving installation would cost about \$200 and would include a one-meter dish antenna and tunable receiver. Comsat insists that the installations would involve existing technology and not a yet undiscovered breakthrough. The 12GHz satellite signal could be beamed to a rather narrow area, several hundred miles wide, or a broader area of 1000 or more miles. To prevent unauthorized reception, the transmissions would be scrambled. If Comsat follows the techniques now being used for conventional over-the-air pay TV, the decoder of any subscriber could be turned on or off at will. If a monthly payment is late, service could be remotely shut off.

**STATION GUIDE UPDATE...** A number of WTFDAers have volunteered to assist with this project and work is now coming along well. Up-to-date information on Canadian and Central American stations is very much needed however. If you can provide help in this area, please contact me directly. The new TV Translator Guide prepared by Robert Kramer and Mike Hogan is expected to be available very soon. Watch the VUD for details.

**BITS...** Radio-Electronics magazine will celebrate its 50th anniversary with a special issue in October. The issue is expected to have many unusual articles, including a look back over the past 50 years and a crystal ball look ahead... Popular Electronics will celebrate its 25th anniversary the same month, though no special issue is planned... Recent forecasts indicate that this fall or winter should mark the sunspot cycle maximum. All of us are charged up on what that does to the F2 skip MUF, but don't forget to check out auroral DX possibilities. Those fluttery signals can be frustrating, though sometimes produce exciting results. Auroral scatter and auroral induced Es can appear at just about any frequency from 30MHz to beyond 300MHz.

**YOUR NEWS IS NEEDED...** Watch your local papers for news of interest to other WTFDAers. DX tips are also welcomed... Thanks this month to Leo Boehl.

# A REVIEW OF THE BEARCAT SCANNERS

By Rod O'Connor

Two of the more recent entries into the scanner market are the Bearcat models 210 and 250. Both receivers have received mixed reviews from Scanner Clubs and DXers. I have compiled some remarks and comments, which I have observed over the past few years. Perhaps, those of you on the market for a new scanner, or your first scanner will find these observations helpful in selecting a set best-suited to your needs.

The Bearcat 210, which first came onto the market in early 1977 is a ten-channel synthesized scanner covering the VHF low, ham and high bands, as well as the UHF and UHF "T" Bands.

The Bearcat 250 was introduced during 1978, and similar to the 210, is a synthesized programmable set. In fact, to put it mildly, the 250 could be classified as a 210 with frills. The 250 features fifty channels. Many extra features are included, such as a digital clock, auxiliary tape-recording control, and a priority feature. (More about them later.)

Over the past three years I have owned both the 210 and the 250. After using each set I have mixed feelings about each one. Other DXers and interested purchasers may want to note the following findings:

First of all, the 250, in my opinion, has far too many channels for DXing purposes. The fifty-channel is great for those who like to monitor the many different frequencies. Those who live in the city, or suburban areas would appreciate the many channels. Also, newspapers, Radio and TV stations and other agencies who need to keep a continuous account of police, fire, and ambulance services, would enjoy having all frequencies on one compact set. For DXing purposes, a set with fewer channels is better.

The Bearcat 250 features five "banks" of channels. If a set of 10 channels are not desired to be heard, the entire bank can be removed from the scan mode. Let us say that channels 41 thru 50 are marine frequencies. If you want to hear the other forty channels only, the "40" bank can be locked out. Likewise, if you do not want to hear local police frequencies on the 20 bank, they, too, can be locked out.

A valuable aid to the DXer is found in both models with the "search" feature. This allows one to program the set to automatically scan between a range of two frequencies. For example - to search the entire marine band of frequencies. The upper frequency limit of 157.425 mhz, and the lower limit of 156.275 mhz would be entered. The scanner then, scans constantly the band, stopping at any active transmission. The Bearcat 250, in addition, has a memory which recalls all of the active frequencies which were searched for. The frequency can then be displayed at a future time, and entered on an available channel. Another nice feature of the 250 is it's capability to count the number of times the frequency has been in use during a given period of time.



## A REVIEW OF THE BEARCAT SCANNERS

This function can be extremely valuable in finding out just what the most active frequencies are in your area.

The 250 has two scan rates. The slow rate covers 5 channels per second. Fifteen channels per second are covered in the fast rate. The 210 has one scan rate only, of ten channels per second.

Both speeds on the 250 are far too slow, while the 210's scan rate is just about right. Short transmissions of just a few seconds in length can not be captured on the 250, especially with 49 other channels to scan.

Both the 210 and 250 have selectable "delay" and "lockout" features. This is a useful feature, to hold on to a channel for two seconds after a transmission, for any quick reply. The feature on the 210 must be set each time the set is turned on. On the 250, though, the feature is set, until you turn the feature off. For example, if you choose to lock out channel 28 this afternoon, it will still be locked out when you turn the set on the next time. The same holds true for the delay function. This feature does have a drawback. - Say, you "lockout" channel 39 today, and forget that you did. It will stay locked out until you remember to discontinue the feature. Be it later on today, or next week, the function must be re-set. On the 210 the delay and lockout features have to be re-set each time the set is turned on.

Still another feature of the 250 is the "priority" function. With this feature, you can hear channel 1 any time it is active, regardless if any other channels are active or not. Channel 1 is constantly guarded once each second.

The first few models of the 210 had troubles with "birdies". Fortunately, the problem appears to have been worked out. On the 250 birdies are easy to lock out if you follow the instructions in the manual.

The auxiliary function of the 250 is its best feature. This automatically turns on a cassette tape deck without any other additional features. If you plan to be away from the scanner, and want to record the active channels, the auxiliary function will turn your tape deck on and off with each transmission. An excellent feature. Regrettably it is not available on the 210 or even the new 220 or 211 models which have recently been introduced. There are kits available, however, which when placed next to the scanner can perform the same function. One kit which I purchased for use with my 210 cost about \$30.00 (A bit expensive) but was worth it, and performed well.

The 250 appears to be VERY susceptible to aircraft interference. I am located only 3 miles from the Portland International Jetport, and find aircraft interference quite annoying. The interference appears to be the worst on the marine band. The Bearcat 210 did not appear to be as susceptible to interference.

The audio quality of the 250 speaker is only fair. Most transmissions sound rather squawky and slightly distorted. Perhaps this is just an individual set problem, or one which is applicable to all 250 scanners. Incidentally, there are external speaker jacks on both the 210 and 250 which cut off the main speaker. The audio quality on the 210, although better, was certainly not high fidelity. The speakers appear to be a round 3-inch type.

(continued on page 16)

# F<sub>2</sub> TV DX CONVERTER

by Jerry Pulice, WB2CPA

By the time this appears in print, the F<sub>2</sub> season (and DX) should hopefully be in full swing. I've detailed here a converter I used last winter to put the 41.25 → 53.25 MHz foreign TV band within range of a standard HF receiver. Police-band scanners and monitors are not the most desirable receivers for F<sub>2</sub> TV DX surveillance, due to FM detectors and broad bandwidth. Tunable VHF receivers, in addition, have poor calibration. If you've got a HF "communications" (poor name--even phone calls qualify as "communications") receiver this converter will put it on the foreign TV band. In addition, if you hear video buzz on 45.75, 46.75, 48.25 or 49.75 MHz, just connect the converter output to your U.S. TV set to ch A6. The signal will be up-converted and your horizontal and vertical hold controls should take care of the slight differences in standards. Twice last year I received 625 line pictures on an unmodified U.S. TV this way. Bill Grant is of the opinion I was receiving Madrid (Spain!) so this scheme will work.

Now the bad news. I don't recommend you build this converter unless you have had experience in building VHF projects. Unless standard VHF point to point construction is used, you will end up with an oscillator/garbage generator. I will not be able to supply completed converters nor parts. It's not that bad, however. The passive balanced mixer used not only adds dynamic range and some suppression of "birdies" (spurious responses), but it cannot oscillate. The two JFET amplifiers are stable if you shield the source from the drain (1" x 2" copper PC board or foil is fine). Broadband construction keeps potential instabilities down.

Perhaps some enterprising WTFDA member will build these things for sale, with a percentage donated to the club!

## THE CIRCUIT

The L<sub>0</sub> (local oscillator) is generated by a 36 MHz overtone crystal oscillator (order xtal from JAN CRYSTALS, 2400 Crystal Dr., Ft. Myers, FL 33907). If you have a junk box crystal near 36 MHz, by all means, use it (mine is 36.8736 MHz). A tuned buffer stage delivers +7 dB to the mixer which is a double balanced hot carrier diode type. RF coming in is amplified in a grounded gate JFET amplifier stage (with two tuned circuits for preselection) before it goes into the mixer. The double balanced mixer (DBM) must have its IF output terminated in a low VSWR broadband load, and an untuned JFET grounded gate stage is ideal. Output is via a broadband 16:1 transformer. Total gain thru the converter is low, about +7-10 dB. Additional JFET preselector stages will give more gain as well as better selectivity. F<sub>2</sub> TV signals, in general, are already badly smeared and narrow bandwidth won't hurt, but will help (while getting rid of pagers, police, PSB, etc., who use this band in the U.S.). After you get it working, don't be afraid to experiment. For example, the 4.7 pF capacitors in the preselector can be changed to vary the bandwidth. My converter was built on a piece of g-10 PC board, unetched, to give a solid copper ground plane.

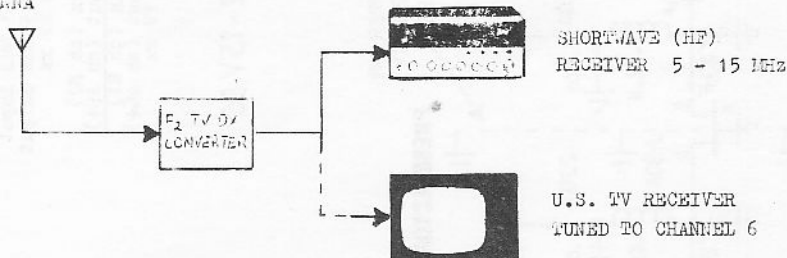
After completion, tune-up should proceed as follows.





41 - 51 MHz

DX ANTENNA



Tune both oscillator trimmers (they don't have to be the ARCO parts specified--use what you can get) for maximum output. Be sure the crystal is on 36 MHz, the third overtone. You may have to beg, borrow, or steal a grid dip meter or some sort of equipment to verify this. Connect the input to an antenna and the output to your HF rx. There are pagers on about 43.22 MHz that gave me real problems when receiving BBC-1 last year. Here is a chance to do something useful with them. Use them to peak the preselector tuning capacitors with your rx tuned to 7.22 MHz (43.22 MHz minus 36.00 MHz equals 7.22 MHz). They are always on the air here, and serve as a beacon to see if my gear is O.K. As you tune from 5 to 15 MHz the various users of the 41 - 51 MHz spectrum should be evident. THE PRESELECTOR MUST BE RE-TUNED WHEN YOU CHANGE FREQUENCY.

Once F2 returns, French and English audio should appear at 5.25 and 5.50 MHz respectively. Should any of the 625 line video carrier frequencies develop a 50 Hz buzz, you can try for a picture on your TV. Peak the preselector controls for the loudest buzz (48.25 will come out on 12.25 MHz) and then remove the converter from your HF rx and connect it to your channel 6 TV receiver. If the signal was strong (and it must be --TV requires approximately 1000x the bandwidth to be seen, as video, than to be heard as a buzz), out of sync video should be evident. Both horizontal and vertical hold will have to be turned away from their "traditional" settings to lock the picture. If you've gotten this far tune the preselector and the TV's fine tuning (wide range varactor tuning is a plus) for the sharpest picture--and you've logged a new country. Now tune and ID it, hi.

#### OBTAINING PARTS

Suggested source for parts: Circuit Specialists, Scottsdale, Arizona or any of the vendors to be seen in the back of 73 magazine, Ham Radio, QST, Radio-Electronics, etc. I'd be willing to answer any questions if you're contemplating construction.

73's and good (F2) DX,

*Jerry Pulice*

Jerry Pulice, WB2CPA  
143 Gibson Avenue  
Staten Island, NY  
10308



# IN

# SEARCH OF PSB

Donald L. Blevins  
1715 Earhart Road  
Baltimore, MD 21221  
phone 301-574-2714

IN SEARCH OF PSB....This month "In Search of Monroe County"

While on vacation near Rochester, New York I couldn't resist the temptation to visit a Radio Shack to eavesdrop on the local police in the Rochester area.

Most of the towns around Rochester are dispatched by Monroe County and the licenses for the transmitters reflect this fact.

Greece 460.35	Sheriffs Office
Irondequoit 460.075	West of Rochester 158.955
Genessee 460.225	East of Rochester 159.03
Brighton 460.225	
Gates 460.425	Small Towns
Rochester 460.25	West of Rochester 158.73
460.125	East of Rochester 159.09
460.45	
460.50	
460.325	

All towns have the capability to communicate point to point on 155.37 and in addition have the responsibility to dispatch ambulance as noted:

Leroy Ambulance 155.295	Ambulances communicate with area hospitals on 155.34 & 155.28
Greece Ambulance 154.055	
Monroe County 155.295	
Henrietta Ambulance 155.235	
Gates Ambulance 158.88	

The City of Rochester is charged with responsibility of radio communications for Rochester Fire Department and Monroe County Fire Departments

154.31 County Fire Departments  
 154.25 County to City Fire Trucks  
 154.13 City Fire Department

Some frequencies of special interest:

Rochester Gas & Electric 158.19 158.22	Wyoming 155.01
Rochester Water Supply 153.62	Orleans Sheriff 39.14
East Auburn Police 155.64	
Rochester National Ambulance & Oxygen 47.58	

\*\*\*\*\*  
 New York State Thruway 453.525  
 New York State Forestry 159.39 161.30 161.43

-----  
New York State Police

155.505 Base	154.77 Mobile
154.655 Mobile	154.665 Mobile
154.905 Base	154.695 Statewide Network
155.685 Mobile	

Thank you for coming to Baltimore.....

# SOUTHERN · F M D X

Danny Buntin, editor  
1312 N. Skyline  
Stillwater, OK 74074

SEPTEMBER, 1979

DEADLINE: 9th monthly

## FLORIDA DXERS FARING BEST WITH A LEAN SKIP SEASON

John Combs, 2485 Ivan Court, Orlando, FL 32807 - July 2 to July 31 (EDT)

7/2 Es (back in Orlando)

1925	KCRC	92.9	MO Hannibal	965
1925	KSHE	94.7	MO Crestwood	870
1925	KADI	96.3	MO St. Louis	865
1930	KHKE	89.5	IA Cedar Falls	1225
1931	WSIE	88.7	IL Edwardsville	885
1932	KGGC	94.9	IA Des Moines	1220
1933	KSCF	97.1	MO Florissant	30
1934	KDMI	97.3	IA Des Moines	1220
1936	KMGK	93.3	IA Des Moines	1220
1938	WSIU	91.9	IL Carbondale	820
1947	WRMS	94.3	IL Beardstown	970
1949	KBCT	95.9	IA Fairfield	1125
1957	WBBA	97.7	IL Pittsfield	960

2010-2025: Break

2025	KOCK	88.3	IA Cedar Rapids	1175
2025	KUNI	90.9	IA Cedar Falls	1225
2031	KFMD?	92.9	IA Dubuque, tent	
2031	KRNA	93.5	IA Iowa City	1155
2033	KSUI	91.7	IA Iowa City	1155
2035	WYER?	94.9	IL Mt. Carmel, Card BB, t	
2036	WDZQ?	95.1	IL Decatur, tent.	

7/3 tr  
0800+ Savannah FMs 240  
0800+ Charleston, SC FMs 305  
0805 WBEU 98.7 SC Beaufort 290  
(Lots of tr on TV, but FM blocked on many freqs. due to strong semi-locals; Apparently, my V-150 has lousy directivity on the FM band!)

7/10 Es

1952	WBUR?	90.9	MA Boston, tent.	
1952	WBMT	88.3	MA Boxford, psa's	1120
1952	WZBC?	90.3	MA Newton, tent.	
1954	WBOS?	92.9	MA Brookline, tent.	

1955-2000 unIDs to 94.3 then f/out

7/15 Es

1902	WZAK	93.1	OH Cleveland	885
1902	CBCL	93.5	ON London	1030
1912	WMBI	90.1	IL Chicago	985
1914	WXRT	93.1	IL Chicago	985
1920	WDAT	94.7	IL Chicago	985
1921	WMET	95.5	IL Chicago	
1922	WIFN	95.9	IN Franklin, psa	805

1929 MUF sharp dive below 88 Mhz before IDs--IT FIGURES!!

1933	WHLA	90.3	WI La Crosse	1170
1933	WHHI	91.3	WI Highland	1135
1947	WUJC	88.7	OK University Heights	875
1051	WMTQ?	93.1	NY Syracuse, tent.	
1954	WAKW?	93.3	OH Cincinnati, tent.	
1957	WVBR	93.5	NY Ithaca	990
1958	WKJF	92.9	MI Cadillac	
1958	WNSE	93.3	NY Jamestown	955
2001	WBCL	90.3	IN Ft. Wayne	
2011	WBTQ	96.9	?? "Studio 97 on FM-97"	
2015	CKO2	99.1	ON Toronto	1060

7/15 Es\*

2015	CRQS	94.9	ON Oshawa	1065
2020	CJRT?	91.1	ON Toronto, tent.	
2020	WYEP	91.5	PA Pittsburgh	830

(Heard phone #, called to confirm, it blew their minds, but they were VERY skeptical, even when I gave program details!!)

2026	WUWQ?	90.5	PA Pittsburgh, tent.	
2026	WQED?	89.3	PA Pittsburgh, tent.	
2028	WBNS	97.1	OH Columbus	795
2030	WHAD	90.7	WI Delafield	1085
2030	WHRM	90.9	WI Wausau	1260
2033	WIZM	93.3	WI LaCrosse	1170
2130	KTCU	88.7	TX Ft. Worth	965
2140	KNTU	88.5	TX Denton	990
2140	KETH	88.9	TX Commerce	945
2147	KBID	92.9	TX Wichita Falls	1080
2157	KERA	90.1	TX Dallas	965
2200	KSUC	88.3	TX Keene	985
2201	KVTT	91.7	TX Dallas	965

2240	KIXT	88.1	TX Lubbock	1270
2255	f/out			

7/21 Es  
1351 T--- 88.1 GU Guatemala City 1155  
(Radio Fabu-Estereo) (L mx)  
1351 TGRT 88.8 GU Guatemala City  
(Discussion & ads; freq. closer to 88.9 than listed 88.3, neither station noted in \$)

1947	KWGS	89.5	OK Tulsa	1005
2031	KCSG?	90.1	OK Edmond, tent.	
2032	unID	93.1	(Royals BB Network)	
2034	KBEB	92.9	OK Tulsa	1005
2039	KWEN	95.5	OK Tulsa	1005
2040	KLLS	94.3	OK Okmulgee	1020
2041	KOSU	91.7	OK Stillwater	1085
2041	KSPI	93.9	OK Stillwater	1085
2049	KNID?	96.9	OK Enid, tent.	
2222	KXXY	96.1	OK Oklahoma City	1060
2224	KEBC	94.7	OK Oklahoma City	
2224	KKNG	92.5	OK Oklahoma City	
2225	KFJL	98.9	OK Oklahoma City	
2229	KWEY	97.9	OK Weatherford	1110

7/26 tr  
2030 Charleston FMs 310  
2112 WQBA 107.5 FL Miami 200  
(SS disco--usually buried in WORJ slop)

7/27 tr

0755	Charleston FMs	310
0755	WNPR	88.1 SC Sumter 375
0755	WKGC	90.7 FL Panama City 270
0802	WBEV	98.7, WHHR, 106.3 relogs

1906 Es begins ....  
1925 WOI 90.1 IA Ames 1145  
1928 KICB 88.1 IA Ft. Dodge 1205

7/21 Es  
 1928 KICB, Ft. Dodge IA  
 (10 watts!)? Very clear ID but tape not  
 running--shazbot! Dornier sez still 10 watts,  
 no CP for higher power!)

1941 CJOM 88.7 ON Windsor 960  
 1945 unID 88.1 (L mx, SS DJ, but EE psa's)  
 2001 WAUP 88.1 OH Akron 835  
 2003 WBOE 90.3 OH Cleveland 885  
 (running open carrier to avoid cross-talk  
 on TB SCA--see Elving"s column, June VUD)  
 2020 F/out

7/31 Es  
 1252 KCSC 90.1 OK Edmond 1055  
 1258 KGSU 91.7 OK Stillwater 1085  
 1258 KKNC 92.5 OK Oklahoma City 1060  
 1258 KBEZ 92.9 OK Tulsa 1005  
 1259 KLLS 94.3 OK Okmulgee 1020

7/21 Es  
 1300 KWGS 89.5 OK Tulsa 1005  
 1300 KEBC 94.7 OK Oklahoma City 1060  
 1300 KXXY 96.1 OK Oklahoma City  
 1301 KNID 96.9 OK Enid 1100  
 1303 KXXX 95.7 AR Little Rock 785  
 1305 KWEN 95.5 OK Tulsa 1005  
 1306 KDSA 91.1 KS Wichita 1130  
 1306 KDSA 91.1 KS Wichita 1130  
 1306 KSPI? 93.9 OK Stillwater, tent.  
 1308 KWHP? 97.7 OK Edmond, tent.  
 1310 KWNS 93.1 KS Pratt 1170  
 1310 KISR? 93.7 AR Ft. Smith, tent.  
 1313 KMUW 89.1 KS Wichita 1130  
 1319 KOBC 90.7 MO Joplin 940  
 1320 KLKC 93.5 KS Parsons 970  
 1322 KSYN? 92.5 MO Joplin, tent.  
 1325 KTTS 94.7 MO Springfield 895  
 1329 KRFG? 93.5 MO Greenfield, tent.  
 2055-2105 various unIDs to 93.1  
 2200-2205 Various unIDs to 91.1

Orlando continues to receive some decent Es, including KICB-88.1 which is 10 watts as far  
 as I know. What fun! Log at 331 stations. 73, John

Ken Simon, 513 6th Ave. S., Lake Worth, FL 33460 - May 22 to August 5 EDT

May 22 1723 91.7 WETL South Bend IN, s/off  
 Es 1730 88.1 WVPE Elkhart IN, r, ID  
 1750 88.3 WIAA Interlochen MI, ID  
 1816 88.7 CJOM Windsor ON, r, ID  
 gw ---- 89.3 WRMB Boynton Beach, new 10  
 Es 1923 99.5 WLOL Minneapolis  
 1927 88.7 WERN Madison, ID  
 1930 88.3 WIAA, ID  
 1934 100.3 WCTS Minneapolis MN  
 1956 102.9 WBCS Milwaukee WI, ID  
 2000 102.9 WCCO Minneapolis MN, ID  
 (MUF up to 107)

2003 103.3 WNRW Wisconsin Rapids, WI  
 May 30 2050 95.3 WSCR Fort Myers FL, ID, tr  
 Es 2101 88.1 WAUP Akron OH, ID  
 2102 93.1 CHAY Barrie ON, ads, ID  
 tr 101.9 WHEW Fort Myers FL, ID, k  
 2109 97.5 WPCW Winter Haven FL  
 Es 99.9 WERC Erie PA, TS, wx, ID

Jun 5 2036 88.5 KUHF Houston TX, wx  
 Jun 24 1649 88.7 CJOM w/rock, temp 18, nx  
 1707 92.9 WKJF Caddillac MI...tent.  
 w/Tigers bbl., ad for MI lottery,  
 Detroit Free Press)

1749 88.7 WAMU Washington DC, wx  
 1837 93.? unID, animal shelter spot,  
 MINTON mentioned

1837 93.1 WPAT Paterson NJ  
 1845 106.1 unID w/CBC sports rpt.,  
 golf, CHEZ??

1850 101.9 WNES Central City KY, ad  
 1855 104.9 WSHY Shelbyville ILL, s/o  
 1903 107.1 WKRV Vandallia IL, s/off  
 1907 105.1 unID SS w/baseball,  
 (Radio Jacinto????)

1911 88.5 KUMR Rolla MO, \$, ID  
 1914 107.5 WGGI Chicago IL, ID  
 1916 106.5 unID Ohio epilepsy spot  
 w/ mention of Crown Point, IN

1921 102.9 WBCS Milwaukee Wis, wx, ID  
 1923 99.5 WEFM Chicago IL, WE-FM ID  
 1928 104.7 Polka w/ WTKO ID & 105K  
 1933 106.9 KJFF Jefferson MO K-Jeff

Jun 24 1954 91.7 KSIU Iowa City IA NPR, ID  
 2115 88.7 WFCR Amherst MASS, NPR, jz  
 Jun 25 1338 88.7 WSIE Edwardsville IL, ID  
 tr 1346 107.3 WBSA St. Petersburg FL, ID, m  
 Es 1401 90.9 KCMW Warrensburg MO, FM 91  
 Jun 26 2053 88.3 unID SS/ MOR 2/Sexta  
 avenida mentioned  
 2101 89? unID SS man talking about  
 Nicaragua "R. Payaso"???

Jul 1 1218 92.9 KRGC Hannibal, Amer FM nx,  
 mor & fireworks ad  
 1231 94.7 KTTS Springfield MO, ID, k  
 tr 1305 93.7 WFUZ Ocala FL, ad & AP nx  
 Jul 2 1928 106.3 WAFC Clewiston FL, ID, k  
 Es 1930 88.7 WSIE Edwardsville, IL, ID, nx  
 1932 91.9 WSIU Carbondale, IL, nx, \$  
 2002 95.7-9 unID w/Iowa nx, call  
 sounded like KMCD??

Jul 10 1945 88.7 WRSU New Brunswick NJ, ID, psa  
 1951 88.3?abt. railroad hoboes, mine  
 strike song/CCI-rock

1959 91.7 WXCI Newark NJ ID  
 2010 93.3 WVPO Stroudsburg PA, ID  
 tr 93.5 WCVU Naples FL, "Seaview"  
 Jul 15 1853 88.7 CJOM Windsor ONT, Sun. Spec.  
 Es 1901 88.3 WSHJ Southfield MI  
 1922 88.3 WOEL Eldon MD, g  
 1934 88.9 WERS Boston MA  
 1947 92.9?unID Wexford, Mestogie CO.  
 mentioned

1952 93.5 CBM Montreal PQ  
 1957 93.1 CHAY Barrie ON, ID, Chay FM  
 2001 95.1 WLST Marinette WI, ads, ID  
 2012 93.1 WAZK Cleveland  
 Jul 21 2046 89.1 KMUW Wichita KS, ID  
 89.1 WEMU Ypsilanti MI, ID  
 2103 91.1 unID Larry Black show  
 Rock-relog! (WRVU???)\$

Jul 27 2009 90.9 WBUR Boston MA about  
 Boston housing authority  
 2010 88.7 CJOM Windsor ON, ID  
 tr 2022 99.5 WQYK St. Petersburg FL, k  
 -Simon, cont.-

Aug. 2 Es

1747 92.9 KGRC Hannibal MO, ID, \$92  
 1755 93.3 KWKI Kansas City MO, Sunlife 93  
 1759 88.5 KLJC Kansas City MO, ID  
 1800 91.1 KSMU Springfield MO FM 91, nx  
 1809 94.5 KRXL Kirksville MO  
 1813 94.9 KGGC Des Moines IA, ID  
 1829 88.7 WSIE Edwardsville, IL, ID, IL nx

Aug. 3 tr

1451 89.9 WJCT Jacksonville FL \$90, ID  
 1454 91.5 WPRK Winter Park FL

Aug. 5 tr

0620 89.3 WPIO Titusville FL, g, ID  
 0631 104.7 WRBQ Tampa FL ?? rock  
 0635 103.3 WDUV Bradenton FL, ABC nx Persp. ?

Tuner Kenwood KT-7001 and TV-LB antenna @ 40 ft. used.

Rick Sanford, 404 S. McNeill, Burnet, TX 78611 - July 5 to August 6 CDT

7/6 Es

1732 WRGK 98.7 NC Greensboro, "K-99" ID  
 1734 WBAG 93.9 NC Burlington, wx  
 1737 WOOD 96.9 NC Statesville, ID  
 1739 WKBC 97.3 NC North Wilkesboro, ad  
 1739 WJLC 97.5 VA South Boston, ad  
 "Trading Post" show  
 1746 WVVA 96.3 VA Martinsville, ad

7/7 Es

0908 CKY 92.1 MB Winnipeg, wx  
 1019 KWOA 95.1 MN Worthington, wx  
 heard just a few seconds  
 1020 KTCL 93.3 CO Fort Collins, ad

7/19 gw

1259 KTUF 106.3 TX Terrell Hill-San Antonio  
 duel city ID first day on air 90 mi.

7/21 Es

2033 WSAI 94.1 OH Cincinnati, r,  
 "94.1-SAI-FM"

7/25 Es

0859 WDBO 92.3 FL Orlando, ID

7/29 Es

1541 WSPT 97.9 WI Stevens Point, ID, wx  
 1544 WLVE 94.9 WI Baraboo, "Love-\$-95," ID  
 1556 WTPC 95.5 WI Wausau, ad  
 1600 WRJC 92.1 WI Mauston, ID, Brewers BB  
 1611 WDUX 92.7 WI Waupaca, ad  
 1601 KFMD 92.9 IA Dubuque, ads, ID

7/30 tr

0045 WQSY 100.7 LA Baton Rouge, ID 435  
 0947 WLIN 95.5 MS Jackson 500  
 "Lynn," "FM-95," ID  
 0955 WTYX 94.7 MS Jackson, "94-Ticks," ID

One of last month's mysteries has now been solved: WCEZ 96.7 (heard on 7/2) is located in Jupiter, FL and is the former WRYZ-FM. KTUF (operating on a freq. vacant since '72 when KBUC-FM moved to 107.5) adds some diversity to the San Antonio FM scene with its jazz/soul format. This stereo, 24 hours a day (except for Monday a.m. silent period) station has brief local news around 40 after the hour and has been heard with slogans such as "106-FM", "K-Tough", and "Your Music Machine for the Metro Area" in addition to its fairly frequent IDs as of this writing.

Tim McVey, Route 3, Box 568, Bolivar, TN 38008 - March 23 to July 12 CDT

Equipment: JVC JT-V22 AM-FM stereo tuner, Archer VU-42 antenna at about 25', Juliette 8TR-188 AM-FM stereo, its 12-element yagi at 25', and a pair of pliers to turn the antennae.

3/23 tr

0640 WBLX 92.9 AL Mobile 322  
 0645 WKSI 94.9 AL Bobile  
 0655 WLPR 96.1 AL Mobile  
 0700 WFMF 102.5 LA Baton Rouge 365  
 0702 WXEL 105.3 LA Slidell 360  
 0715 WQID 93.7 MS Biloxi 343

(been trying for this one for two years;  
 very strong signal, 2+)

0708 WRNO 99.5 LA New Orleans 379

"the rock of New Orleans"

0710 WBYU 95.7 LA New Orleans 379

3/29 tr

0700 KILT 100.3 TX Houston, "FM-100" 543  
 0714 KRLY 93.7 TX Houston

3/30 tr

0655 KXKZ 107.5 LA Ruston 286  
 ? KWIC 107.7 TX Beaumont 472

4/10 tr

0630 WBIE 101.5 GA Marietta 270  
 0650 WPLO 103.3 GA Atlanta 276  
 0700 WQXI 94.1 GA Smyrna 275

5/6 tr

2030 KTYL 93.1 TX Tyler 415

5/7 tr

0700 KCMW 90.9 MO Warrensburg 370  
 0705 KOAX 105.3 TX Dallas-Ft. Worth 485

5/22 Es

1829 WFGC 95.5 MD Morningside, 708  
 signal to 3.5!!; no hint of Es or hash on TV.  
 2000 WFLS 93.3 VA Fredericksburg, mode 676  
 of propagation? don't know, could barely  
 read signal.  
 2015 WOCB 94.9 MA West Yarmouth 1090

5/23 Es

1400 KWFM? 92.9 AZ Tucson, "at 93, this 1310  
 is K (static for a few seconds) st. in Tucson"

5/31 tr

0945 WNES 101.9 KY Central City, 171  
 somehow pushed through local KBTM in  
 Jonesboro, AR  
 ? WSEI 92.9 IL Olney 242

6/1 Es . . . . .



6/1 Es			6/11 Es		
1000 <u>KPCS</u>	93.1 SD Sturgis	1025	1230 <u>KAMA</u>	93.1 TX El Paso,	1049
(signal to 4!, beautiful stereo! listened to this and watched KFRY TV 4 in Pieree at the same time.)			6/16 tr		
1020 <u>KYYA</u> 93.3 MT Billings 1288			0902 <u>KGUS</u>	97.5 AR Hot Springs	239
"Y-93" ex-KOYN, sends nice QSL Letter			6/17 tr		
1245 <u>KKLS</u>	93.9 SD Rapid City, "\$ 94"	1000	???? <u>WQHI</u>	95.7 IN Jeffersonville	271
1300 <u>KIZZ</u>	93.7 ND Minot, "Z-94"	1115	" <u>KWFC</u>	97.3 MO Springfield	286
1330 <u>KETA</u>	88.5 ND Belcourt 1110		<u>WVLK</u>	92.9 KY Lexington	308
(Too bad I didn't get Canada as close ad Belcourt is.)			<u>KCEZ</u>	94.9 MO Kansas City	415
1345 <u>KESD?</u>	88.3 SD Brookings, 758		tr <u>unID</u>	106.5 MO Kansas City, "106-K-pix"	
listened to 60 min. of classical mx without hint of ID or location; I assume this from drawing an Es "pipeline" on the map.			(You must mean KFLX of Liberty, MO, DB)		
1350 <u>WDAY?</u>	93.7 ND Fargo 915		6/20 Es		
Does <u>WDAY</u> carry Mutual news?			1810 <u>KAMA</u>	93.1 TX El Paso	1042
6/5 Es			6/21 tr		
1900 <u>KRCS</u>	93.1 SD Sturgis		0820 <u>WNAP</u>	93.1 IN Indianapolis	355
1915 <u>KYYA</u>	93.3 MT Billings		2040 <u>KWTO</u>	98.7 MO Springfield	286
1925 <u>KYSS</u>	94.9 MT Missoula 1544		2047 <u>KOBC</u>	90.7 MO Joplin	347
6/7 tr			6/25 tr		
0930 <u>KNOE</u>	101.9 LA Monroe 265		2200 <u>WEKU</u>	88.9 KY Richmond	303
09?? <u>WJNS</u>	92.1 MS Yazoo City 187		6/30 Es, my "traditional" new England skip for two years....		
0935 <u>WBVU</u>	95.7 LA New Orleans 379		1015 <u>WPAT</u>	93.1 NJ Patterson	878
0940 <u>WHER</u>	103.5 MS Hattiesburg 280		1020 <u>WBUR</u>	90.9 MA Boston	1065
0950 <u>WQID</u>	93.7 MS Biloxi 343		1025 <u>KSPZ</u>	92.9 CO Colorado Springs,	930
Es:			"Z-93", r. Don't ask me how that one got in there!		
1010 <u>XHNH</u>	95.1 GTO Irapuato, first 1282		1027 <u>WRIM</u>	93.3 MA Taunton	1055
Mex. FM for me, sounded awful			1030 <u>WVYZ</u>	92.5 CT Waterbury-Hartford	972
1030 <u>XHLC</u>	98.7 JAL Guadalajara, r 1343		1045 <u>WHYN</u>	93.1 MA Springfield	987
positively the best stereo I've heard yet			1047 <u>WGGY</u>	92.7 MA Lawrence	1070
6/8 Es			1050 <u>WHAV</u>	92.5 MA Haverhill	1075
1815 <u>KRWN</u>	92.9 NM Farmington, ad 1102		7/5 tr		
1822 <u>KQNM</u>	93.7 NM Gallup, "Quick-FM" 1115		2252 <u>WBIR</u>	103.5 TN Knoxville	290
1830 <u>KOB</u>	93.3 NM Albuquerque 1000		2230 <u>WTVK</u>	107.7 TN Knoxville	
1838 <u>KBIM</u>	94.9 NM Roswell 915		2315 <u>WBIE</u>	101.5 GA Marietta	270
1855 <u>KTDB</u>	89.7 NM Ramah, Indian 1110		2300 <u>WBZK</u>	97.5 TN Knoxville	
talk show, couldn't ID till someone spoke in English!			7/7 Es		
1940 <u>KLYT</u>	88.3 NM Albuquerque 1000		0915 <u>KRAI</u>	93.7 CO Craig	1094
1947 <u>KUNM</u>	90.1 NM Albuquerque		0915 <u>unID</u>	93.7 ID Boise, ads for Boise-Nampa area. New station? Help!	
6/10 Es			0930 <u>KWHO</u>	93.3 UT Salt Lake City	1315
0855 <u>KLBJ</u>	93.7 TX Austin 638		7/12 Es		
0857 <u>KITY?</u>	92.9 TX San Antonio, does 715		PTL on TV 2, hash on local WREG-3, short Es blips on FM. MUF seems to be TV 5.		
KITY use "92-nine FM" as their non ID?					

NOTES: Within a 200-mile radius of my home, nearly every TV-FM channel is occupied. Just recently WJHR Jackson, TN and WTXI Ripley, MS signed on to clutter up more bandspace. Many class A channels are two or three deep. Tropos make up the bulk of my logs, Nashville, Little Rock, Birmingham, Memphis and St. Louis come in on B/C channels 50-75% of the time. My log stands at just over 300. 45 are Es, 1 is Ms. I have heard 29 states, two Mexican estados and one Can. province. Best state is TN at 55 (55%). 73 and GDX, Tim....

Randall B. Clark, Rt. 9 Box 231, (Dutch Ridge), Parkersburg, WV 26101

As usual times are in EDT. Stations new are underlined. Using a Radio Shack "Patrolman-6" with 30 inch whip for FM-etc., @45 ft. above ground level. Band conditions haven't been so good lately with only a handful of fair Es openings to say the least. My apologies to those who missed my appearance at the convention as I was unable to attend. I'm sure it was SOMETHING else!. If all goes well, you should be reading my feature article on the Remotes soon. Report starts on next page.....

(June, 79)

- 21--2047-WVKO-94.7-Columbus, OH (While WXIL is off--lighting!)  
 22--MILD TR IN with WIBO-etc in, PLUS "" "" "" "" for about 2 HOURS!!!  
 which gave me the following new stns...  
 1643-WDBN-94.9 Medina, OH  
 1738-WXKX-96.1 Pitts, PA  
 1744-WPTW-95.7 Piqua, OH  
 1758-WBRL-96.7 Rainelle, WV
- 24--1918-1945 ES unid's up to 94 MHZ.  
 1921-WQUE-93.3 New Orleans, LA relogg.  
 MILD TR is in with WSIP at 2325, plus the usual relogg's.
- 26--2137-WQOD in w/the other usual 250 mile stns in.

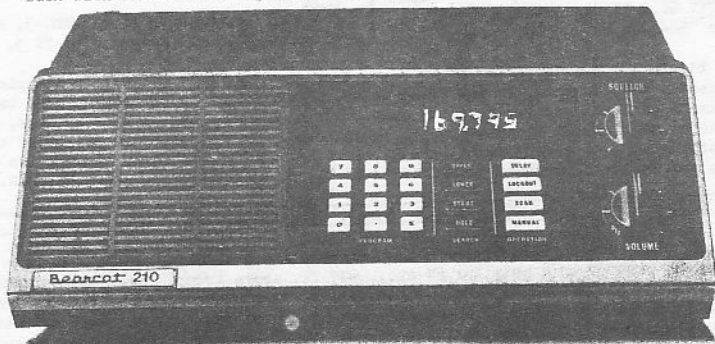
(July, 79)

- 02--1450-1505 ES brief peaks of unid's to 94 MHZ, PLUS WXIL is off from 1500-1524  
 with WVKO in id'ing as "Mellow-Madness" at 1508.
- 05--1743-1950 ES! hearing several CBC-FRENCH stations in...93.9? & 98.5 or .7?  
 1807-1829 WDFP-96.9 Presque ISLE's MAINE!! --- "The all new FM-96" then a  
 CBC RADIO STN on 96.7-.9? & at 1859-1908 CBH-A-90.5 a typical CBC RELAY stn  
 in with the Newfoundland WX at 1900-1903 (WDFP is my 18th State)
- 06--1948-WIYQ-99.1 Ebensburg, PA "Country-TXQ" in while WIBZ is off!
- 11--1110-1125? ES very minor but hearing a easy listening stn in from TX on 99.9  
 MILD TR Duct in...2358-WSRD id's as "The 50,000 watt 'SUPER-JOCK' of Young!"
- 18--0847-WBKU-88.9 Richmond, KY (QSL'd by L6y.W, Lee NASWA club member!)
- 20--1256-1325 ES!! KBEZ-Tulsa, OK-93.3 19th State!...at 1258-1306 solid Q!  
 1310-1314-KTEN or KSIW tentative, in with Paul Harvey at 1311
- 24--1225-WVOW 101.9 & WVPN-88.5 Charleston, WV at 1242? TR way up--  
 by 1915, WCRF-103.3 Cleveland, OH in at 2100...PSB hi bands getting wild  
 on the Pager freqs-etc.
- 27--0800-WYSU-88.5 Youngstown, OH & CBCL-93.5? London, ONT, Canada booming in!  
 0857-WQNC-104.3 Detroit, MI in...2159-WCAK-92.9 Catlettsburg, KY among others.
- 20--0044-WLRJ-92.3 w/cci from WXGT-Columbus, OH 1210-WSLQ & 1256-WVWR-89.1 Roanoke

TV NOTES\*\* on 8/02/79 I snagged XEFE-ch2 MEXICO!! between 1734-1758 w/Test Pat.  
 that appeared in Popular Electronics May, 1975 Page-69 via Glenn Hause!  
 I've been trying for over 6 years for Mexico!!! and here it is!

+++++  
A REVIEW OF THE BEARCAT SCANNERS (continued from page 7)

Concluding this critique, I hope that I have given the reader a fair idea of what I have found to be good and bad points of the Bearcat 210 and 250 scanners. It is difficult to recommend a certain set to the DXer, and I would not care to specify which one is better. Hopefully, I have given a few even-handed criticisms of each set. Good Luck with whichever set you decide to buy!



# NORTHERN FM-DX

Ralph Strobel, editor  
2510 E. McGalliard Rd.  
Muncie, Indiana 47303  
(317) 288-5815

Deadline: the 10th

SEPTEMBER 1979

For FM DXers in Canada, the Northwest-Central states of WA OR ID MT WY ND SD NE MN IA MO and states east of the Mississippi River and north of the Mason-Dixon Line.

Mike Bugaj - 69 Sherman Road - Enfield, CT 06082

Equipment: Sony 5130 w/Finco FM-5 @ 35 ft. w/rotor. New underlined.

1/14 Au	5/30 Es
1255 WAUR 107.9 IL Aurora ... Princess Floor Covering in Aurora...	2042 WMEZ 94.1 FL Pensacola
1/21 GW	2048 WLWV 94.9 FL Mariana
0945 WOTB 107.1 RI Middletown "Sweet-\$-107"	2100 WBGM 98.9 FL Tallahassee
0948 CKO 106.9 ON Ottawa all nx	6/2 Super heavy tropo down the coast to NC. Besides Norfolk stations pegging,
0953 WKDH 106.9 NJ Camden g	WSFL-106.5 and WITN-93.3 both super strong from 2000-0400 of 6/3.
1022 WENW 107.1 NY Briarcliff Manor	6/3 Very strong tropo from 1400 on from Reading, Lancaster, and Red Lion.
2/24 GW	1712 WLEV 96.1 PA Easton o/WSRS
0945 WMMJ 96.7 VT Brattleboro ex-WMCS	1715 UNID 100.7 PA Allentown? concert 6/9 tr Super coastal tropo again
3/4 tr	2240 WXRI 105.3, WNOR 98.7 pegging
1323 WVOS 95.9 NY Liberty rare, strong	2245 WCMC 100.7 NJ Wildwood
3/6 GW	2248 WBOC 104.7 MD Ocean City
2002 WXKS 107.9 MA Medford d, ex-WWEL	2253 WKHI 99.9 MD Ocean City "100 K-high" o/WEZN local
3/19 GW	2355 WSFL 106.5 NC Bridgeton pegging
1855 WLOM 104.7 MA Orleans	6/10 tr
3/25 Au	0000 All Norfolk area stations pegging
2000 WNUZ 103.5 MI Detroit	0007 WMYK 93.7 NC Elizabeth City "
2000 WDFG 98.7 MI Detroit	2100 Norfolk FM in strong, then surprise:
3/28 GW	2156 CBH 102.7 NS Halifax, pegging, Ided as "CBC Stereo" Halifax
1215 WERB 89.9 CT Berlin r	2200 CIOO 100.1 NS Halifax, pegging, Ided as "C-100" Both excellent for 2 hrs.
4/1 Au noticed first at 1700 tune in, strongest ever heard.	2359 WATD 95.9 MA Marshfield r, DJ said station was getting out good to MD & VA.
1816 WNCI 97.9 OH Columbus r	6/15 Es
2029 WGER 102.5 MI Bay City ID	1820 Briefly UNids on 92.9 and 94.5.
4/3 Au	6/18 tr
1758 WNCI 97.9 OH Columbus	0102 WCMF 96.5 NY Rochester r
1852 WNUZ 103.5 MI Detroit	6/23 Es
1855 WDFG 98.7 MI Detroit	1047 KMGK 93.3 IA Des Moines
1858 WFFM 96.9 PA Braddock r	6/24 Es
2041 WYDD 104.7 PA Pittsburgh r	1929 KGUS 97.5 AR Hot Springs
2050 WNZQ 98.7 DC Washington	1932 KFIN 107.9 AR Jonesboro
2138 WGMZ 107.9 MI Flint	1944 KVIL 103.7 TX Dallas
4/14 GW	1952 KSMC 94.5 LA Lafayette "K-94"
1623 WBEC 105.5 MA Pittsfield ex-WQRB	1953 KLCO 97.9 OK Poteau
5/2 tr	1955 WFMF 102.5 LA Baton Rouge
1747 WYUT 92.7 NY Herkimer r, "Y-93"	1959 WKEL 105.3 LA Slidell
5/10 Es	2010 WCKW 92.3 LA La Place
2051 WBLX 92.9 AL Mobile	2029 KWIC 107.7 TX Beaumont
2058 WQUE 93.3 LA New Orleans	2037 KAYD 97.5 TX Beaumont
2120 WJDB 95.3 AL Thomasville	2044 KOXY 94.1 TX Beaumont
2127 WALT 97.1 MS Meridian	2051 KPAC 98.5 TX Port Arthur
5/21 Au	2100 KKMA 104.5 OK Pryor
2000 WNUZ 103.5 MI Detroit	2100 KTFX 103.3 OK Tulsa
5/22 Es	2107 KZMO 104.5 TX Orange r
2006 KROZ 92.1 TX Tyler	2108 KFNB 101.9 OK Oklahoma City "102-FM"
5/30 Es	2118 WQXY 100.7 LA Baton Rouge
1935 WKSJ 94.9 AL Mobile	2128 KM0D 97.5 OK Tulsa
1944 WLWI 92.3 ??	2139 WAFB 98.1 LA Baton Rouge
1948 WBGM 98.9 FL Tallahassee	5/25 Es
1950 WHHY 101.9 AL Montgomery	1205 WMCU 89.7 FL Miami
1951 WGUD 106.3 MS Moss Point	6/28 Es
1952 WJAD 97.3 GA Bainbridge "97-Rock"	2030 KGOZ 100.1 LA Shreveport
2002 WQOF 99.7 AL Dothan	
2006 WKKX 95.9 AL Greenville	
2011 WFR1 97.7 AL Auburn-Opelika	
2011 WYNK 101.5 LA Baton Rouge	
2028 WLAZ 92.7 AL Eufaula ex-WULA	
2041 WPFM 107.9 FL Panama City	

6/28 Es  
2058 KPMO 101.1 LA Shreveport  
2121 KTBC 92.1 TX Nachodoches  
6/29 Es  
1723 KWBE 92.9 NE Beatrice  
1727 WMC 99.7 TN Memphis  
1730 KSEK 96.9 KS Pittsburg  
1735 KWEY 97.3 OK Weatherford  
1742 KKYK 103.7 AR Little Rock  
1746 KUVR 97.7 NE Holdredge  
2230 Heavy coastal tr as far as NC  
2255 WRBK 101.9 NC New Bern "K-102"  
2309 WGRF 99.3 NJ Pleasantville d  
"Night Fever" program  
2315 WSFL 106.5 NC Bridgeton excellent

6/30 Es  
1047 WJTV 95.3 GA Thomasville  
1054 WZZZ 97.7 AL Clanton  
1100 WAPI 94.5 AL Birmingham mellow mx  
1105 WZZK 104.7 AL Birmingham k  
1112 WRSA 96.9 AL Decatur  
1112 WKBB 100.9 MS West Point m  
1133 WSIX 97.9 TN Nashville  
7/1 Es  
1044 WVOH 93.5 GA Hazelhurst  
1124 WCKW 92.3 LA Laplace  
1130 WABB 97.5 AL Mobile  
7/7 Es  
1525 KROK 94.5 LA Shreveport  
1530 KNUS 98.7 TX Dallas  
1530 KZEW 97.9 TX Dallas  
1535 KFJZ 97.1 TX Ft. Worth "2-97"  
1538 KDEL 100.9 AR Arkadelphia

Totals stand now about 962 logged. Es was not really that great this season. Many of the openings had a tough time making it up to FM. There were no super heavy Es openings as in past years, either. That was good because picking out IDs wasn't much of a problem. Coastal tropo was way above normal. I've never heard such strong signals from NC coastal stations, and I think that the last time MS made it into New England was 4 or 5 years ago. Also, it looks like I will have to put up a completely new antenna system before the winter. A check from the roof shows that the guy wires, etc., will probably never survive another winter.

\* \* \* \* \*

R. Colin Newell - 2360 Forbes St. - Victoria, BC V8R 4B6

Equipment: Realistic MTA-7 Table Radio, 10 Element Archer Yagi Antenna.

5/5 Es  
0330 XHIS 90.1 BN Tijuana 1200  
"Stereo Noventa"  
0445 KMEO 96.9 AZ Phoenix m 1225  
0455 KUPD 97.9 AZ Tempe r 1225  
0459 KQYT 95.5 AZ Phoenix 1225  
0605 KIQG 100.3 CA LA w/definite KIKK 1100  
ID, DJ asleep and "FM-100" non-ID  
0610 KCRW 89.9 CA Santa Monica ID 1100  
0620 had to leave  
5/31 Es  
9425 XHIS 90.1 BN Tijuana 1200

To introduce myself, I am a 20 year old student of electronics working my way thru as a gardener in spare time, e.g. spring-summer 0900-1700. This report will bring me up to date and I hope I have enough material to send in another next month. This season, I find, has been reasonable but not near levels of 1974-75 etc. I expect some good auroral conditions soon. 73, Colin

\* \* \* \* \*

Neil G. Zank - 623 Lyncrest Dr. - Lincoln, NE 68510

Equipment: Pioneer SX-750, Ten Element Yagi @45 ft. w/rotor.

7/1 tr 0030 95.9 KS Derby 7/20 Es 1223 WGOL 98.3 VA Lynchburg  
0045 101.7 KS Manhattan 1230 WNOR 98.7 VA Norfolk  
7/2 tr 0100 90.1 KS Hutchinson 1235 WYFI 99.7 VA Norfolk  
7/8 tr 0030 88.3 IA Cedar Rapids 1240 WRSV 92.1 NC Rocky Mount  
7/20 Es 1215 93.7 NC Elizabeth City 7/26 tr 1055 WHRM 90.9 WI Wausau



Fred McCormack - 909 12th St. N. - Fargo, ND 58102

Equipment: Heath AJ-1600 Tuner, Winegard CH-7078 Antenna, Alliance Rotor

6/5	Es				6/28	Es					
1929	KNFM	92.3	TX	Midland	1064	2157	WKYS	93.9	DC	Washington r	1138
1935	KJAK	92.7	TX	Slaton	963	6/29	Es				
1950	KWAS	101.9	TX	Amarillo g	848	0930	WMHK	89.7	SC	Columbia g	1211
2147	KXTZ	94.1	NV	Henderson r	1197	0930	WMPR	88.1	SC	Sumter c	1239
2153	KRNO	106.9	NV	Reno r	1259	6/30	Es				
2215	KFMS	101.9	NV	Las Vegas "K-FM"	1197	1035	KKDA	104.5	TX	Dallas r, "K-104"	974
6/8	Es				1040	KUHF	88.7	TX	Houston		1185
2051	KZZY	100.3	TX	San Antonio "2-100"	1211	1043	KMGC	102.9	TX	Dallas	974
2052	KTFM	102.7	TX	San Antonio r	1211	1054	KILT	100.3	TX	Houston "FM-100"	1185
2058	KOYE	94.9	TX	Laredo	1346	1150	KAMA	93.1	TX	El Paso SS	1163
2105	KELT	94.5	TX	Harlingen	1429	1158	WRAL	101.5	NC	Raleigh "101-FM"	1209
2111	KBFM	104.1	TX	Edinburg r	1423	7/4	tr				
2113	KNCN	101.3	TX	Sinton "C-101"	1302	0713	WLKX	95.9	MN	Forest Lake	213
2115	KDUV	100.3	TX	Brownsville	1449	0927	KNWS	101.9	IA	Waterloo g	374
2144	KGUL	95.9	TX	Fort Lavaca r	1262	0932	KFMW	107.9	IA	Waterloo m	374
6/9	Es					0959	KLSS	106.1	IA	Mason City r	310
0933	KPLX	99.5	TX	Fort Worth	975	1003	KPMC	106.5	MN	Fairmont	250
6/13	tr					7/14	tr				
2332	KAYL	101.5	IA	Storm Lake	302	0741	KNUJ	93.1	MN	New Ulm	210
6/14	tr					0900	KRBI	105.5	MN	St. Peter	224
0839	KRGI	96.5	NE	Grand Island k	419	7/16	Es				
0856	KJAN	103.7	IA	Atlantic	389	2131	KNFM	92.3	TX	Midland	1064
0907	KSKU	102.1	KS	Hutchinson "U-102"	612	2134	KCOT	104.7	TX	Lamesa	1014
0916	KMGK	93.3	IA	Des Moines	398	7/20	tr				
0924	KARD	107.3	KS	Wichita "FM-107"	632	0803	CJUM	101.5	MB	Winnipeg	208
0930	KFDI	101.3	KS	Wichita "FM-101"	632	0907	KXGR	96.7	MN	Grand Rapids	141
6/15	Es					0912	CBQH	100.9	ON	Dryden	275
1718	WGBH	89.7	MA	Boston	1296	1012	CKSB8	99.5	MB	Brandon F	250
1729	WSOX	94.9	MA	West Yarmouth	1355	7/21	tr				
1731	WPJB	105.1	RI	Providence r	1295	2339	KMHL	100.1	MN	Marshall k	176
6/22	tr					7/27	Es				
0004	KMIT	102.3	SD	Mitchell r	226	1908	WQXI	94.1	GA	Smyrna "94-Q"	1103
0018	KGHU	104.1	SD	Yankton \$ "Q-FM"	277	7/28	Es				
0025	KKEZ	94.5	IA	Fort Dodge r	328	0855	WGH	97.3	VA	Newport C nx	1244
0056	KKKG	94.3	SD	Brookings r s/off	177	0904	WCBM	92.7	NJ	Toms River	1224
0058	KWIT	90.3	IA	Sioux City	302	0908	WDAO	107.7	OH	Dayton r	799
0617	KJAM	103.1	SD	Madison	198	0912	WYRI	105.3	VA	Norfolk g	1256
0647	KRNQ	102.5	IA	Des Moines	398	0916	WEZS	103.7	VA	Richmond "FM-103"	1174
0655	KZZL	99.5	IA	Le Mars	283	0923	WWFE	101.3	VA	Hampton "2-WD"	1245
0701	KLYF	100.3	IA	Des Moines	398	0928	WYFI	99.7	VA	Norfolk	1256
0946	KBMO	93.5	MN	Benson	122	0955	WYVD	96.1	NC	Raleigh m "FM-96"	1209
6/23	Es					2039	WAMC	90.3	NY	Albany	1162
1106	KINN	105.5	NM	Alamogordo k	1079	2043	WKGW	104.3	NY	Utica	1081
1111	KRKE	94.1	NM	Albuquerque "Rock-94"	961	2053	WBCN	104.1	MA	Boston	1296
1119	KINT	97.5	TX	El Paso "K-98"	1163	2055	WCIB	101.9	MA	Falmouth	1339
1128	KEZB	96.3	TX	El Paso	1163	2102	WHJY	94.1	RI	Providence "Joy"	1295
1136	KUOE	95.5	TX	El Paso "The U"	1163	2102	WLKW	101.5	RI	Providence	1295
1158	KJYK	94.9	AZ	Tucson "K-Joy"	1258	2106	WRLM	93.3	MA	Taunton	1307
1920	KMTW	96.5	ID	Twin Falls "K-96"	914	2109	WJFD	97.3	MA	New Bedford Port.	1322
1922	KJOT	105.1	ID	Boise k	967	2120	WAWZ	99.1	NJ	Zarephath g	1189
1930	KSTH	94.9	ID	Pocatello	813	2128	WVSE	93.3	NY	Jamestown "SE-93"	923
1933	KMVC	98.3	ID	Burley k	885	7/29	Es				
2000	KUAT	90.5	AZ	Tucson	1238	0104	KYGO	98.5	CO	Denver r	642
6/24	tr					1603	WSHA	88.9	NC	Raleigh r	1209
0927	WWIB	103.7	WI	Ladysmith g	285	1943	WZYR	102.7	TN	Memphis "Rock-103"	882
6/28	Es					1950	WCPC	93.3	MS	Houston	984
2024	KFLG	92.9	AZ	Flagstaff m	1115	8/3	Es				
2103	WFOC	93.1	MD	Baltimore k	1139	1040	KQIZ	93.1	TX	Amarillo r	848
2115	WMJS	92.7	MD	Prince Frederick g	1171	(New stations underlined. CDT used.)					

\*\*\*\*\*

Jim Alexander - 4 Brook Court - Parsippany, NJ 07054

Equipment: Heath AR-15 receiver, horizontal stack of CM Stereo Probe 9's @ 25'

8/1	tr	2300	WFOG	92.9	VA	Suffolk	8/2	Es	1915	WERI	92.1	AL	Hamilton
8/2	Es	1857	WBLX	92.9	AL	Mobile			1923	WJNS	92.1	MS	Yazoo City
		1904	WDJC	93.7	AL	Birmingham							73 and good DX, Jim

Robert S. Ross, VE3JFC - Box 4373, Stn. C - London, ON

Equipment: Marantz 2226B Receiver, Dipole @ 90 feet from apt. balcony.

7/26 tr	0100 CBEQ	106.3	OH	Garnia	7/27 tr	0405 WVMO	98.3	MI	Monroe
	0100 WOOD	105.7	MI	Grand Rapids		0435 WNDU	92.9	IN	South Bend
7/27 tr	0300 WLEN	103.9	MI	Adrian		0443 WNUR	89.3	IL	Evanston
	0300 WSHJ	88.3	MI	Southfield		0445 WCMU	89.5	MI	Mt. Pleasant
	0329 WEHD	89.9	MI	Grand Rapids	7/29 tr	0329 WUGN	99.7	MI	Midland
	0401 WBCL	90.3	IN	Fort Wayne					Log now at 159/85 heard/verified.

All the above stations are new to log. Locals here CKC news and CBC French make DXing difficult, so most done after 3 am when they have signed off.

\*\*\*\*\*

Harry J. Hayes - Star Route, Box 226c - Gouldsboro, PA 18424

Equipment: Zenith Trans Oceanic on Finco FM-4G antenna at 25' w/deep fringe amp.

7/21 tr	1800 WNHU	88.7	CT	West Haven	good signal	130	
	1814 WNHU	88.1	CT	Monroe	poor/fair signal, top 40, 600 watts	125	
	2030 WRFL	92.5	VA	Winchester k,	enhanced ground wave	190	
	2100 WGET	107.7	PA	Gettysburgh m,	fair signal	125	
	2120 WSHH	99.7	PA	Pittsburg w		225	
	2150 WPHD	103.3	NY	Buffalo r,	first time heard w/new call.	200	
7/22 tr	0303 WDSM	97.5	WV	Martinsburg		170	
	0430 WITH	104.5	MD	Baltimore	"FM-104" new calls not heard	140	
	0500 WAGA	103.1	MD	Graysonville	local WACM off, "Super-Q-103"	155	
				Live DJ r.	I was mystified by this until I found this new station in Vane Jones log. WX was given for Easton and Glen Burnie, MD. Pretty good signal for Class A u/poor cx.		
	1700 WPJB	105.1	RI	Providence in	w/fair signal despite WRFM	220	
	1954 WAAF	107.3	MA	Worcester	in excellent by minor trop	210	
	1958 WHJY	94.1	RI	Providence	unlike WPJB this requires trop	220	
	2230 WRKY	103.5	OH	Stubenville	"Rocky" in weak	260	
7/27 tr	1850 WPEZ	94.5	PA	Pittsburg r,	w/WDAC interference	225	
	1900 WKXK	96.1	PA	Pittsburg r,	w/idiotic "96 Kicks" ID	225	
	Es	1930 WPCS	89.3	FL	Pensacola g,	excellent signal	970
		1945 WLWI	92.3	AL	Montgomery	first time heard w/k and new call.	835
7/28 tr	0100 WKSL	94.3	PA	Greencastle	good signal, organ mx, s/off	140	
MS	0115 UNID	96.5	u/WJNL	w/TT	heard several times.		
tr	0125 CKGL	96.7	ON	Kitchener	"The Big Country Calendar at 1:30"	290	
	0130 WQWK	96.7	PA	State College	"Quick-3-Rock" "Lion Country" 250w	115	
	0131 CKTE	97.7	ON	St. Catharines	next to local WVCB-97.9, but in excellent. k, "QR Country" ID. New calls?	225	
	0218 WQIX	100.9	NY	Horseheads k,	good signal	90	
	0245 OFCA	105.3	ON	Kitchener 1090	and FM ID, good signal	290	
MS	0257 WDLB	106.5	WI	Marshfield	"WDLB FM"	765	
tr	0302 WADV	106.5	NY	Buffalo nx,	wx, WHLM off	200	
	0955 WVBFT	105.7	MA	Framingham	traffic report for Cambridge	230	
	1010 WRLM	93.3	MA	Taunton r,	in well	235	
Es	1105 KDCR	91.3	IA	Sioux Center	ending local nx, into opera	1045	
	1108 KWYR	93.7	SD	Winner wx,	in well	1235	
7/29 tr	1307 WCWP	88.1	NY	Brookville r,	100 watts, weak	110	
	1444 WXCT	91.7	CT	Danbury r,	good signal	110	
	1700 WSTS	91.9	MD	Takoma Park c,	"Voice of Columbia Union College"	190	

The new antenna system here gives Pittsburg to almost Boston without much enhancement, so when and if the trop gets going this year I should have some good results. I had a nice visit here early in the month by Peter Sawatzky of Ontario who brought along one of his portable Pioneer receivers for a tryout in the mountains here. I must say that it is quite a portable RX. Unfortunately, CX were terrible as usual that day so we could not get out really far. 73, Harry

\*\*\*\*\*

Greg Monti - 5 Hickory Road - Bayville, NY 11709

Equipment: Pioneer SX-925 stereo receiver, Channel Master Stereo Probe 9 Antenna at 25 feet w/rotor.

6/8 tr	0238 WGRF	99.3	NJ	Pleasantville r\$	7/6 GW	0152 WHP	97.3	PA	Harrisburg m\$
	0240 WJRZ	100.1	NJ	Ship Bottom r\$	7/10 tr	0040 WUHY	90.9	PA	Philadelphia folk \$
	0250 WFPG	96.9	NJ	Atlantic City m\$		0108 WKHI	99.9	MD	Ocean City r\$
	0251 WBLI	106.1	NY	Patchogue local off		0115 WDSD	94.7	DE	Dover k\$ thru local
	0301 WSRS	96.1	MA	Worcester m\$		0130 WLKW	101.5	RI	Providence r\$
	1015 WAQY	102.1	MA	Springfield r\$					

7/10 tr  
 0135 WHGM 103.7 NJ Atlantic City r\$  
 0138 WOLCt102.5 MD Princess Anne g\$  
 0143 WBRIt103.7 RI Westerly p\$  
 0150 WPJB 105.1 RI Providence r\$ o/local  
 0156 WPRO 92.3 RI Providence r\$ o/local  
 0200 WSOX 94.9 MA West Yarmouth m\$ "FM-95"  
 0215 WCAV 97.7 MA Brockton r\$ "98-CAV"  
 0220 WLOHt104.7 MA Orleans  
 0220 WFMPt104.5 MA Fitchburg

7/19 tr  
 2338 WGRC 99.9 MA Barnstable m\$ o/local  
 2358 WCTY 97.7 CT Norwich k\$, s/off  
 7/20 tr  
 0001 WBEI 103.3 MA Boston rm\$  
 0005 WDAQ? 98.3 CT Danbury? m\$ WLAD-FM?  
 0047 WFME 100.7 PA Allentown m\$,  
 technical difficulties & lots of dead air  
 0100 WNAV 99.1 MD Annapolis m\$  
 0108 WRFY 102.5 PA Reading rm\$ "Y-102"

7/13 GW  
 0025 "99FM" 91.8 NY New York r mono, pirate  
 7/19 tr  
 2247 WTYD 100.9 CT New London m\$ "\$-101"  
 2255 WCOZ 94.5 MA Boston p\$  
 2255 WRLMt 93.3 MA Taunton p\$ "M-93"  
 2256 WBOS 92.9 MA Brookline d\$ "Disco-93"  
 2306 WCRB 102.5 MA Boston c\$  
 2311 WBEIt103.3 MA Boston rm\$ "FM-103"  
 2322 WSUB 105.5 CT Groton p\$  
 2325 WAAF 107.3 MA Worcester p\$  
 2332 WLOM 104.7 MA Orleans m\$ thru local

7/21 tr  
 0118 WCTB 107.1 RI Middletown m\$ "107-FM"  
 7/29 tr  
 2157 WXLS 98.3 CT Willimantic rm\$  
 2200 WHHS 104.9 CT Middletown g mono  
 2202 WDAQ 98.3 CT Danbury m\$ yes ex-WLAD  
 7/30 tr/GW  
 0019 WGNA 107.7 NY Albany k\$  
 "Interstate-108"  
 0023 WXKS 107.9 MA Boston d\$ "Kiss-108"  
 local 107.9 off for above two  
 new underlined, t=tentative

The pirate station received on 7/13 appeared to be in southeastern Queens County if indeed it was inside NYC as claimed. Kennedy Airport area. DJ was Ted Harris, taking calls toll free at 212-365-9979. A little distorted, perhaps excessive pre-emphasis. A little buzz in background. Otherwise nice audio. Had spliced-up singing ID jingles. Announced as 91.9 MHz, but I estimate more like 91.8. Announced as pirate. Still rocking at 0125 tuneout. Haven't heard from them since.  
 73's, Greg

\*\*\*\*\*

Joseph Fela - 150 Robert Place - So. Plainfield, NJ 07080

Equipment: Pioneer SX-828, pair of Antennacraft GFM-10s, stacked at 35 ft. w/rotor.

6/29 Es  
 1643 KBEZ 92.9 OK Tulsa m ID  
 2200 and on - Cape Cod and Eastern Mass.  
 (WRLM-93.3, WSOX-94.9, etc.)

7/5 Es  
 Lotsa tents. this opening: CBTR-103.9,  
 CBFN-94.3, ???-105.9, CBIM-93.5 etc.  
 7/7 Es

6/30 Es  
 1105 WCPC 93.3 MN Houston wx, ID  
 1128 KSSN 95.7 AR Little Rock g, (ann. k)  
 1200 WSIU 91.9 IL Carbondale UPI nx, ID  
 1214 KTGA 92.1 IA Fort Dodge k, "K-92" ID  
 1230 KWIT 90.3 IA Sioux City ID  
 1303 KAXE 91.7 MN Grand Rapids polkas, ID  
 1306 WSCDt 92.9 MN Duluth MN nx  
 1830 CBNM 90.3 NF Marystown CBC Jamboree  
 produced by CBC Newfoundland. No ID.

1530 KKEG 92.1 AR Fayetteville r, ID  
 1534 KWDG 96.7 OK Idabel OK nx net., ID  
 1543 KMMN 106.9 OK Muskogee "K-triple-M"  
 1547 KNEZt107.7 OK Okla. City d, met. wx  
 1618 KNID 96.9 OK Enid ID, mixed w/KMRJ  
 2029 CKPC 92.1 ON Brantford ID, BJ BB  
 7/9 tr  
 2200 on - Strong coastal opening to Nor-  
 folk and simultaneously to Cape Cod -  
 (WSOX-94.9, WXRI-105.3, WESR-103.3 o/WPRB)

7/5 Es  
 1641 CBNM 90.3 NF Marystown CBC, strong  
 1749 CJBC 94.9 NS Sydney m, IDs  
 1800 CKCL 100.9 NS Truro ID  
 1811 CIOO 100.1 NS Halifax soft r, "C-100"  
 (Heard last year via tropo)  
 1818 CHOS 95.9 NF Rattling Brook r  
 1829 CJOZ 92.1 NF Bonavista  
 1859 CBC 96.9 PE Charlottetown gave ID

7/10 tr  
 0005 WRAR 105.5 VA Tappahannock o/WDHA  
 7/10 Es  
 1952 WNGS 92.1 FL W. Palm Beach "Wings"  
 2001 WWL 93.9 FL Miami Beach o/WNYC  
 7/20 tr  
 0034 WAYZ 101.5 PA Waynesboro s/off after  
 a late Phillies game. Wash. area very  
 strong with some o/locals, as WPOC-93.1.

73, Joe

\*\*\*\*\*

Eric Fader - 23-35 Bell Blvd. - Bayside, NY 11360

Equipment: Concord CR-260 receiver, BIC FM-8 Beam Box

6/8 tr  
 1840 WBOC 104.7 MD Salisbury  
 1840 WKHI 99.9 MD Ocean City  
 6/10 tr  
 0252 WGBH 89.7 MA Boston  
 6/24 GW  
 0200 "99FM" 91.9 NY New York  
 Local Pirate, DJ Ted Harris, fake  
 WXLO "99-X" jingles, anti-disco talk

6/29 tr  
 2110 WOLC 102.5 MD Princess Anne  
 2118 WESR 103.3 VA Onancock  
 2225 WWOC 94.3 NJ Avalon  
 2245 WRIO 102.3 NJ Cape May  
 6/30 tr  
 0022 WAAF 107.3 MA Worcester  
 0035 WLYN 101.7 MA Lynn  
 0100 WHUE 100.7 MA Boston ex-WTTK

6/30 tr  
 0113 NINE 91.9 NY New York pirate  
 0117 NINE 91.7 NY New York vacated 91.9  
 to clear frequency for another pirate,  
 not audible here.  
 6/30 Es  
 1142 KASU 91.9 AR Jonesboro  
 1200 WSIU 91.9 IL Carbondale  
 1155 KAXE 91.7 MN Grand Rapids  
 7/9 tr  
 2334 WHJY 94.1 RI Providence  
 2339 WPLM 99.1 MA Plymouth  
 2351 WOLC 102.5 MD Princess Anne  
 7/10 tr  
 0100 WDSO 94.7 DE Dover  
 0100 WSEA 93.5 DE Georgetown  
 Lots of good drops, but Es has made it up to FM only four times all season that I've  
 heard. Pretty dismal. Hoping for some ducts this fall. 73, Eric

7/10 tr  
 0105 WKDN 106.9 NJ Camden  
 7/20 tr  
 0035 WBJC 91.5 MD Baltimore  
 7/21 tr  
 0106 WMYB 98.1 MA New Bedford  
 0128 WSOX 94.9 MA West Yarmouth ex-WOCB  
 7/23 tr  
 0040 NINE 91.7 NY New York  
 0801 WRPI 91.5 NY Troy  
 7/24 tr  
 0730 WAMC 90.3 NY Albany  
 8/2 tr  
 0050 WXKS 107.9 MA Medford ex-WWEL  
 8/2 Es  
 1952 WUOT 91.9 TN Knoxville

\*\*\*\*\*

Andy Bolin - 709 Lincoln - Charleston, IL 61920

Equipment: Heath AJ-15, w/highly modified IF strip, Stereo Probe 9 Antenna.

5/6 tr most Jackson MS strong at 0900. 2200 KYND, KRLY, KAUM all Houston, TX (785)  
 strong. 2300 KEEZ San Antonio (940). 2301 KIOF 106.1 "K-106" w/pr Orange, TX.  
 5/7 tr 0001 KTYL 93.1 Tyler, TX w/pr and non-IDer as "93 Tyler" (700); 0002 WVMJ  
 95.3 Coldwater, MS w/ID/soul/8; 0003 KKAJ 95.7 w/r# Ardmore, OK (625); 0045 1055  
 mile KOYE 94.9 Laredo, TX. After 0200 most all Dallas & OKC very strong. 0310  
 KLUF 105.1 w/auto m# & missed every hourly ID throughout the night - Lufkin, TX  
 (680). Wall to wall "94-LVS" jingles is 94.3 WLVS @0400 Germantown, TN w/r; 0550  
 KROK 94.5 o/semi WLRW w/r# Shreveport LA. Also in was KTAL, KRMG & non-IDer "The  
 Fox" KCFX 97.7 Edmond, OK. 5/8 tr 0200 to 0300 KMG & KOFM both OKC (590). 5/9 tr  
 most Tulsa, OK & KOAX Dallas, TX 0015 to 0330. 5/11 Es 1712 to 1730 W. TX MUF  
 KKKK. 1744 back w/KGRE from 92.3 to 92.5 Greeley CO w/m; 1918 KFKZ 96.1 w/mo no g;  
 2045 KCOL 107.9 Fort Collins, CO w/m#. 5/18 Es 0950 MUF hit top from NYC, Boston  
 & most of ME. New @1000 was WESU 88.1 Middletown, CT w/pr# (770); 1011 WNGX 93.1  
 w/r# Portland, ME (950); 1028 WNHV 95.3 White River Junction, VT; 1034 "\$-ABK"  
 jingles are WABK 104.3 Gardiner, ME w/r#. 5/22 Es SC & FL up and down from 1645  
 to 2015. New @2030 was WKNC 88.1 Raleigh, NC. 5/23 Es @1830 Lubbock-Amarillo, TX  
 MUF KLLL. 6/1 Es 1100 most Denver/Co Springs (890); later at 2130 most Phoenix  
 (1365). 6/4 tr 0220 to 0345 KOFM OKC (590). 6/5 Es 1255 to 1315 KBFM, K1WW  
 & K-DUV all S. TX (1040); 1820 to 1850 lots of WY & S.E. ID. 1920 to 1956 most Al-  
 buquerque MUF top (1105). 6/7 tr @0300 WCML 91.7 Alpena, MI (470). 6/8 Es from  
 2000 to 2330 up and down many times from Amarillo/Lubbock/El Paso/Albuquerque MUF  
 XHIM. 6/9 Es 0715 to 0740 S. FL MUF WMJX; 0910 to 0931 KACV TX. 6/10 Es 0815 to  
 0845 S. TX MUF K-DUV. 6/11 Es KBAT, KPJH, KOKE, KLSN, KDUV, KRLY, KAUM all TX  
 @0930 to 0957. 6/18 tr after 0230 most OKC/Tulsa & "The Fox" KCFX; 0330 KOAX  
 Dallas; 0415 rain & gone. 6/21 Es 1041 KZAN 97.9 "continuous k constantly" Ogden,  
 UT (1250). 6/24 Es 1750 to 1840 S. FL/E. GA/E. SC. MUF top; @1824 "FM-100" WMCB  
 100.1 Statesboro, GA w/r. 6/25 Es 1150 to 1230 Miami MUF WMJX. 6/26 Es strong  
 1440 to 1545 started w/S. TX and slowly north to OKC. It seemed that every stn.  
 in TX was in during that hour at least once. 6/30 Es 0950 to 1055 El Paso, TX  
 MUF top; @1105 WOBM NJ & WHOU ME; 1310 to 1350 KQIX, KZAN and all Provo/Salt Lake  
 City, UT. 7/1 Es WMCU, WUSF, WTMJ, WFYN all FL 1105 to 1132. 7/2 Es 1015 to 1210  
 Miami & keys MUF top. 7/5 Es @1630 CBH 90.5 w/CBC-English/ID Halifax, NS (1340);  
 1635 CBAF 92.3 w/CBC-Fr ID Halifax; 1659 CKCL 100.9 w/mo no Eng. G Truro, NS (1365);  
 1700 CIOO 100.1 IDed only as "C-100" even on the hour-Halifax w/r#; 1701 WMEB 91.9  
 Orono, ME w/pr#; 1715 10 watt WHSN 89.3 w/mo pr/ID Bangor, ME; Also many relogs  
 from ME/NH/VT/NY to 1840. 7/10 Es 1832 to 1903 all Miami. 7/11 Es to 1015 to 1107  
 Houston & San Antonio; @1034 KWCB 94.3 w/k Floresville, TX. 7/12 Es @ 1440 KWYK,  
 KCTB, KRJS, K1LO & other NM/CO/AZ stations. 7/13 Es W. TX 1321 to 1410 MUF KCOT.  
 7/15 Es 1815 to 1839 lots of FL MUF top. 7/16 Es 1105 to ??? ZBM & ZFB both  
 Hamilton, Bermuda (1385). 7/21 Es 1800 to 1850 Monterrey, NL (1190) strong & MUF  
 to the top. 7/28 Es 0931 to 1002 Hartford/Providence/Boston MUF BCN. 7/29 The  
 first Es I've EVER seen on FM last 0050! @0115 to 0156 lots of MT; 0128 KIDX 98.5  
 Billings, MT (1140) w/k#. Again lots of MT/SD 1919 to 1949. One tip for you  
 translator hunters, the next time you hear KQIX give a look for K232AD 94.3 Roar-  
 ing Fork, CO. At 10,300 AAT this mugs a pest. Total is 1,884. 73, Andy



Neil Kazaross - 30 King Philip Rd. - Pawtucket, RI 02861

As this is my first report to Northern FM DX, I'll start with an introduction. I'm 21 and a junior at Union College in Schenectady, NY. I joined WTFDA in July. I've been doing TV DX for several years and I've done a little on FM. Pawtucket is not a good FM DX location so most of my DX is done in Narragansett, RI at the family summer home. Unfortunately, I don't have a good quality FM RX. Receiver is Sony portable TFM 7250W. New underlined. Time EDT.

6/13 tr DXing from Pawtucket:	7/8 tr
2030 WEXM 107.5 VA Exmore Orioles BB	2054 WCMS 100.5 VA Norfolk k
2030 NYC & LI in well too.	2100 WNOR 98.7 VA Norfolk very strong
7/8 tr DXing from Narragansett:	2130 WFFG 96.9 NJ Atlantic City m "FM-97"
2040 WQPK 104.5 VA Norfolk	2205 WBCI 96.5 VA Williamsburg o/WTIC
2048 WYFI 99.7 VA Norfolk g	"Feeling good FM-96"

The following DX is from Narragansett. I logged stations so fast I didn't write down the times. I was using a borrowed Panasonic RF 2200. Coastal tropo was excellent.

7/20 tr evening	7/21 tr evening
WCWP 88.1 NY Brookville w/WMNR	WHBI 105.9 NJ Newark w/French program
WBGO 88.3 NJ Newark	WVRV 106.7 NY New York o/WBZ
WHTJ 106.3 NJ Eatontown	WOBM 92.7 NJ Toms River
WVHC 88.7 NY Hempstead	WHAV 92.5 MA Haverhill
WNYU 89.1 NY New York very strong	WADE 95.9 NJ Point Pleasant w/WLIQ
WCTO 94.3 NY Smithtown	WJLK 94.3 NJ Asbury Park
"The Magic of Beautiful Music"	WUSE 90.1 NY Stony Brook
WSEA 93.5 DE Georgetown "Sea-93"	WIOK 98.3 NY Hempstead
WSTW 93.7 DE Wilmington	WIOQ 102.1 PA Philadelphia
WMNR 93.3 PA Philadelphia	WSNI 104.5 PA Philadelphia "Sunny"
WNYC 93.9 NY New York	WDAS 105.3 PA Philadelphia d
WDSD 94.7 DE Dover	WIHS 104.9 CT Middletown
WUSL 98.9 PA Philadelphia	7/22 tr
WPST 97.5 NJ Trenton	WRFM 105.1 NY New York m o/WPJB
WEVD 97.9 NY New York	WDHA 105.5 NJ Dover WSUB off
WGRF 99.3 NJ Pleasantville	WXPN 88.9 PA Philadelphia

The RF 2200 is definitely the most selective and sensitive FM portable I ever used. The whip antenna can give magnificent nulls when put in just the right location and position. 73 & good DX, Neil

\* \* \* \* \*

Paul Mount - 471 Emerson Ave. - Teaneck, NJ 07666

Equipment: Sanyo FM/AM/ Stereo Cassette w/whip antenna.

6/30 tr	0957 WFFG 96.9 NJ Atlantic City m\$	110
	1000 WKHI 99.9 MD Ocean City good, but u/WEZN	194
7/9 tr	2115 WLNG 92.1 NY Sag Harbor r good, an indicator	143
	2123 WSBH 95.3 NY Southampton r "new full \$ music FM"	85
	2137 WRDR 104.9 NJ Egg Harbor City Phillies BB	100
	2138 WL0M 104.7 MA Orleans weak	217
	2145 WSNJ 107.7 NJ Bridgeton k	108
	2155 unID 101.3 NBC, oldies	
	2200 WKDN 106.9 NJ Camden g	88
	2205 WB0C 104.7 MD Ocean City m\$ monster signal	194
	2225 WSOXt 94.9 MA West Yarmouth Red Sox BB	202
	2232 WSTW 93.7 DE Wilmington r poor	112
	2242 WCTY 97.7 CT Norwich wx, "CTY"	102
	2300 WOLC 102.5 MD Princess Anne g, nx	210
	2316 WSLT 106.3 NJ Ocean City m "\$-106"	117
	2321 WGH t 97.3 VA Newport News c, PSA for Tidewater Dinner Theatre	306
	2326 WVOC 94.3 NJ Avalon m	142
	2335 WIDQ 102.1 PA Philadelphia rp\$	89
7/10 tr	0235 WSEA 93.5 DE Georgetown r "Sea-93"	180
	0245 WHKI 99.9 MD Ocean City r, local-like	194
	0322 WICH 105.9 CT Hartford	91
	0325 WHTT 105.7 MD Baltimore d	
	2025 WV0St 95.9 NY Liberty e spot for Monticello	
7/20 tr	0200 WAQA 103.1 MD Crasonville r "Super Q-103"	
	0604 WDAC 94.5 PA Lancaster m "Great Sunrise mx"	
	0610 WKCT 101.3 CT Hamden r "KC-101" format change	
7/24 tr	0547 unID 99.1 soft rock, "FM-99" jingles	
	0552 WAAL 99.1 NY Binghamton rp "\$-99" "Wall" u/WPLR	
8/6 tr	0010 WVPC 93.5 PA Stroudsburg s/off	
8/7 tr	Philadelphia FMs fair	

73, Paul

John Ebeling - 9209 Vincent Ave. So. - Bloomington, MN 55431

Equipment: Sherwood S2200 (20 years old) and/or Sony-5130 from Prosit, MN location.  
All stations new. Time is CST.

Since there has been a definite lack of Es this season, this report will catch up on the tropo reception at the summer cabin at Prosit, MN. Had about four minutes of FM Es about noon on Aug. 4, but could catch no ID's. TV channels 3 & 4 were wild; 2 was dead---I can't understand the propagation this year!! Really odd.

<u>12/1</u>	tr	0900	K280AW	103.9	MN	Hoyt Lakes (S of WAKX Duluth)	
<u>4/21</u>	tr	0100	CBQH	100.9	ON	Dryden English (Fed by CBQ Thunder Bay or CBW Winnipeg, CBQ gives calls; CBW does not. ODD!)	
<u>7/10</u>	tr	1200	KKOK	95.7	MN	Morris	
			1300	WLWX	95.9	MN	Forest Lake
<u>7/11</u>	tr	1015	KBMC	93.3	MN	Benson	
			1900	KRAD	103.9	MN	E. Grand Forks
			2305	KPMC	106.5	MN	Fairmont
<u>7/13</u>	tr	1200	C *	102.7	ON	Dryden French	
			1455	CITI	92.1	MB	Winnipeg r, ex-CKY-FM

\*Another of the Canadian repeaters which never seem to give the assigned call letters. Anyway, it's new and goes into the log as such until I can find what call is. Just looking back, I spent the entire week of July 7-15 at the cabin, looked for Es almost constantly, but never caught a thing! What a season. Hope to have a better August, but it certainly has not started out very well.

One other note--During the descent of Skylab over the northern US, I checked both FM & TV for any unusual reception due to Skylab. Even tho it passed slightly north of the Minnesota northern border, I found nothing. Not even a short burst. 73, John

\* \* \* \* \*

Ralph Strobel - 2510 E. McGalliard Rd. - Muncie, IN 47303

Equipment: Heath A3-1510, Winegard antenna w/rotor at 60 ft.

This isn't much of a report as the month of July was dead here. August is picking up though. The relays listed are stations rarely heard in this area. Total: 789 with 185 in the Ed. band. Summer is CDT here.

<u>7/28</u>	tr	0530	WXBQ	96.9	TN	Bristol k\$	325
<u>7/31</u>	tr	0450	WPCO	103.9	KY	Campbellsville s/on o/WXLN	200
<u>8/7</u>	tr	0630	WBTO	93.5	IN	Linton m mono o/WZWW	125
			1000	KWPM	93.9	MO	West Plains mr\$
<u>8/8</u>	tr	0300	WSM	95.9	TN	Nashville r\$ o/WFMS	300
			0301	WWKX	104.5	TN	Gallatin r\$ "Kicks-104"
			0330	WZEZ	92.9	TN	Nashville m\$ "93-Z"
			0400	WBYQ	92.1	TN	Hendersonville r\$ "92-Q-FM"
			0500	WIVK	107.7	TN	Knoxville k\$ o/WDAO
			0543	WBNT	105.5	TN	Oneida k mono
			0547	WSKZ	106.5	TN	Chattanooga r\$ "KZ-106-FM"
<u>8/12</u>	MS	1339	WKYS	93.9	DC	Washington r\$	420
			1350	unID	93.9	SS	L
			1400	KTTL	93.9	KS	Dodge City k (prev. by Es)
	tr	1700	KWPM	93.9	MO	West Plains mr\$	400
<u>8/13</u>	tr	1300	WLOS	99.9	NC	Asheville m\$ "FM-99.9" o/WVUD	375

Once again, much thanks to Tom Yingling and Don Blevins for making the Baltimore Convention a fun-filled educational success. It was well worth the 600 mile drive. Thanks also, to all the reporters this month. See you all next month! 73, Ralph

# SPECIAL OFFER

WTFDA HQ has a number of 1974 VUD's in stock, and here's your chance to add them to your collection at a very reasonable price. Any 10 1974 back issues except August (sold out) can be had for just \$3.00. Order today to complete your collection of VUD back issues.

WTFDA Headquarters - Post Office Box 97 - Calumet City, Illinois 60409

# TECHNICAL TOPICS



Q: "I can't understand why all the FM tuners in the most expensive price ranges don't have super selectivity specs. It seems as if there are some very expensive units with very poor alternate channel rejection on the market these days. Why is this?"

A: Selectivity is not the prime consideration in the design objectives of most FM tuner manufacturers--in fact, with many of them, it's not even near the top of the list! If all FM tuners were designed with DXing purposes, things would be different. It wouldn't be too hard for someone to produce a rig with very high selectivity, if selectivity was the only thing to worry about. However, up until fairly recently, the only cheap way to increase a tuner's selectivity meant that audio distortion would increase also. Audio distortion figures are much more important to the person who buys an FM tuner for high-fidelity listening purposes, and that's the person who manufacturers are designing their products for--in theory, at least. However, two things are working in the FM DXer's favor. First of all, as the growth of FM radio continues, the average listener is becoming more aware of all the stations he can tune in, not just his locals. Thus, more people are starting to listen to semi-local stations on FM, and are finding FM outlets in distant locations that they can tune in all the time, and play "their kind of music." The more stations people want to be able to tune in, the more selective their tuners will need to be--manufacturers will take notice. Secondly, there have been some recent technological breakthroughs, such as surface-wave integratable IF filters, which will make it economically feasible to mass-produce high selectivity/low distortion FM receivers. In the meantime, don't assume that the expense of an FM receiver is a good indication of its DX performance. Be sure to carefully compare specs before you buy. If the manufacturer won't let you know the complete specs, the receiver probably isn't even worthy of your consideration.

Q: "Is the capture ratio of an FM tuner really important to an FM DXer?"

A: Absolutely. The higher the capture ratio of a tuner (usually expressed in dB), the worse the receiver will be for DXing. The best receivers for FM DX will have capture ratio specs at 1.5 dB or lower. An FM tuner with a poor (ie: high) capture ratio will often suffer during E-skip openings. Es loggings are often subject to multipath distortion, and a tuner with a very low capture ratio figure will minimize this. Also, good capture ratio specs are important to all other forms of FM DXing. Capture ratio relates to the capture effect, which is the receiver's ability to "lock on" to the stronger of two signals operating on the same frequency.

Q: "Is it theoretically possible for a 10-watt FM station to be heard via E-skip?"

A: Yes, and there have been some loggings of 10-watters made by Es. Not all such low power FM outlets will get out equally well on E-skip. It all depends upon many factors, such as the kind of transmitting antenna the 10-watter is using. Since some 10-watters have higher ERPs (effective radiated powers) than others, they are more likely to be logged via Es. Also, a lot will depend upon FM band conditions. Of course, it will take a strong Es opening to bring in a 10-watter, but the channel has to be very clear in your local region, in order for you to even have a chance at hearing such relatively rare DX to begin with. Chances are that any Es opening strong enough to bring in a 10-watter on FM will also be quite a super opening, so consider yourself lucky if you can manage to ID the flea-power station--it's likely to have a lot of co-channel "competition" at the time.



# FM NEWS

Bruce F. Elving, Editor  
Adolph MN 55701

I regret because of time pressures I cannot answer correspondence!

## New Station Grants

AZ Phoenix 99.9 100000 h.v.; 1675' Spanish  
 CA Palm Springs 100.9 660 h.v.; 640'; rock  
 IL Champaign \*90.1 400 wats; 390 feet  
 IL Le Roy WMLA 92.7 3000 h.v.; 300'; k  
 LA Baton Rouge \*107.3 10 h.v.; \$ LA State U.  
 MI Tawas City 103.9 3000 h.v.; 300'; m  
 MT Glasgow 93.5 3000 h.v.; 29'; m  
 MT Malta KMMR 100.1 3000 h.v.; 25'; mk  
 NJ Madison \*88.9 10 wats; Drew U.  
 NJ Union [Township] \*90.5 10; Kean College  
 NC Waynesville 104.9 100 h.v.; 1640'  
 OR Cook Bay 105.5 3000 h.v.; 24'; m  
 SC Charleston \*90.9 10 Schools  
 TN Kingsport \*90.3 10 Schools [School  
 TN Pikeville \*91.3 100; 450' Wheeler Elem.;  
 TX Corpus Christi \*91.9 2400; 320' Spindenz/  
 Public Communications  
 TX Gilmer 95.3 1400 h.v.; 420'; m  
 TX San Angelo 92.9 100000 h.v.; 600'  
 TX Snyder 101.7 3000 h.v.; 290'; m  
 VA Lynchburg WRVL \*90.3 10 L. Baptist Coll.  
 VA Pound 102.3 190 h.v.; 1150'; g  
 WV Lewisburg 105.5 3000 h.v.; 300'; kr  
 NW Tunstun 107.1 20 wats; CFWH relay

## Deletions

CA Crescent City KVXJ \*90.1  
 IL Belleville WBCE \*89.7  
 PA Media 100.3 (back to application line)  
 Deleted? The following had letters returned to sender, and not known to the post office:  
 CA La Canada KUNF \*88.3 licensed to high school, "moved, left no address."  
 IL Glanville WMMW \*88.9, "Midwestern Academy," marked "insufficient address."  
 OH Cincinnati WNSD \*90.1, Northwest Local School Dist., 4850 Poole Road, marked "out of business."  
 SD Aberdeen KASD \*90.1 letter refused, marked "station no longer operating."  
 If you have the chance to check on any of these, please do and send us a report.  
 Also check on WVUS FM \*88.9, Windham College, Putney VT, marked "out of business."  
**Stereo (\$)**  
 AL Jacksonville WLJS \*91.9 r  
 CA Arcata KAHS \*91.5  
 CA Sacramento KXPR \*88.9  
 CA Stockton KSJC \*88.5; Mutual  
 CO Telluride KOTO \*91.7  
 CT Middlefield WPBH \*90.5  
 IL Chicago WLWU \*88.7, jp  
 KY Campbellsville WTCO-FM 103.9  
 KY Paintsville WSPF-FM 98.9  
 LA Ruston KLPI \*88.1  
 MN Collegeville KSJU \*89.1; vertical? Heard on a vertical antenna, but not conclusive!  
 NY Albany WCDB \*90.9  
 NYSchenectady WRUC \*90.9  
 NYSt. Bonaventure WRSB \*88.3; i  
 OH Westerville WOBH \*91.5  
 PA Girard WGAE \*88.3  
 VA Williamsburg WCMW \*89.1 (not 90.7), but may have construction permit for 90.7.  
 PA Greenville WTRG \*88.1; pj  
 PA Washington WJCR \*88.3

## Dolby Changes

(Adding it, unless indicated as dropping it.)  
 AK Anchorage KLLV 103.9, CA Los Angeles KUSC \*91.5, CA Pasadena KROQ-FM 106.7, CA Sacramento KXOA-FM 107.9, CA San Diego KGB-FM 101.5, CA San Jose KSJS \*90.7, CA Santa Monica KCRW \*89.9 (stereo?), CA Stanford KZSU \*90.1, CO Fort Collins KCSU \*90.9, DC Washington WPFW \*89.3 and WETA-FM \*90.9, FL Panama City WKGC \*90.7, ID Moscow KUID \*91.7, IL Elgin WJLK 94.3, LA New Orleans WWNO \*89.9 and WTUL \*91.5, ME Portland WDCS 97.9, MA Boston WGBH \*89.7, MA Waltham WCRB 102.5, MI Ann Arbor WUOM \*91.7, MI Detroit WDMC 104.3 and WMUZ 103.5 no Dolby, NY Fulton WKFM 104.7, PA Hershey WITF-FM \*89.5, TX Houston KPFT \*90.1, WV Buckhannon WVPW \*88.9, WV Huntington WHPW \*89.9 and WKEE-FM 100.5.

## Facilities' Changes

AL Athens WZYP 104.3 100000 h.v.; 760'  
 AZ Benson KAVV 97.7 300' (3000 h.v.)  
 CA Eureka KPBJ 92.3 1540' (100000 h.v.)  
 CA Fresno KFCF \*88.1 2400 h.v.; 1900'  
 CA Sacramento KAER 92.5 adds v  
 FL Jac.-sonville WQIK 95.1 100000h.v.(570')  
 HI Hilo KFSH 97.1-145' (40000 h.) 420'  
 IL Mount Carmel WYER-FM 94.9 50000 h.v.  
 IL Murphysboro WTAO 104.9 3000 h.v. (200')  
 IL River Grove WRRG \*88.9 adds vertical  
 IL Rock Island WVIK from 88.5 to \*90.1, 50000 h.v.; 500 feet. [300']  
 IN Huntington WHLT-FM 103.1 3000 h.v. /  
 IN New Castle WMDH 102.5 50000h.v.500'  
 IA Davenport KALA from 90.1 to \*88.5, 100 wats, 48 feet.  
 KY Beattyville L WLJC 102.3 1700h.v.; 400'  
 MD Federsburg WCTD 107.1 2650 h.v.; 320'  
 MA Springfield WMAS-FM 94.7 50000h.v.; 195'  
 MI Potosky WMBN-FM 96.7 1150 h.v.; 450'  
 MI Zeeland WZND 99.3 2000 h.v.; 350'  
 MN Willmar KQIC 102.5 42000 h.v.; 830'  
 MS Jackson WTYX 94.7 100000 h.v. (430')  
 NE Lincoln KUCV from 91.3 to \*90.9, 18000; 180'  
 NE Norfolk KNEN 94.7 530' (100000 h.v.)  
 NV Las Vegas KNPR \*89.5 5000 h.v.; 1570'  
 KFSM 101.9 90000 (h.); (41')  
 NJ Flemington WCVH \*90.5 39 h.v.; 460'  
 NM Albuquerque KJKY 100.3 22500 h.v. (4110 feet)  
 NY Plattsburgh WGFV 99.9 10000 h.v.(780')  
 NY Utica WTBL-FM 107.3 drops vertical  
 NC Reidsville WMMO 102.1 50000 h.v.; 770'  
 ND Bismarck KYYY (not KYYY-FM) 92.9 100000 h.v.; 1180 feet.  
 OH Alliance WFAH-FM 92.5 18000 h.v.; 500'  
 OH Cleveland WQAL 104.1 11000 h.v.; 1060'  
 OH Sandusky WLEC-FM 102.7 9800h.v.; 145'  
 OK Stillwater KSPI-FM 93.9 10000 h.v.; 260'  
 PA Milton WMLP-FM 100.9 3000 h.v.; 115'  
 PA Philadelphia WNDV 96.5 17000 h.v.; 870'  
 TN Livingston WLI-V-FM 95.9 1000 h.v.; 470'  
 UT Salt Lake City KISN 97.1 26000 h.v.; 3740'  
 KCPX-FM 98.7 25000h.v.; 2830'  
 WV Beckley WVPB \*91.7 Dolby; no SCA  
 WV Mitron WNST-FM 106.3 120 h.v.; 1230'  
 WI Minocque WMMH 95.9 170' (3000 h.v.)

## SCA (67 kHz) Activity

AL Mobile WKRG-FM 99.9 music  
 CA Los Angeles KRTH 101.1 TX  
 CA San Francisco KYA-FM 93.3 TX  
 FL Fort Lauderdale WAXY 105.9 X (from M)  
 GA Atlanta WLTA 99.7 X (from music), cr on main channel  
 GA Buford WGCO 102.3 music  
 IL Chicago WYFR 103.5 TX  
 IN Indianapolis WFMS 95.5 TX  
 MA Boston WROR 98.5 TX  
 MN Mankato KYSM-FM 103.5 music, but no longer Muzak  
 MN Worthington KWDA-FM 95.1 no SCA  
 MS Hattiesburg WHEO-FM 104.5 no SCA  
 MS Tupelo WLSY-FM 98.5 music  
 NY New York WXLQ 98.7 +X  
 OH Cincinnati WLGA 98.5 TX WDEK 92.5  
 OH Toledo WLQR 101.5 TX +X. No SCA:  
 PA Ephrata WIOV 105.1 music WYFE 95.3  
 PA Philadelphia WDRV 101.1 TX Winnebago  
 PA York WBSA-FM 103.3 TX Illinois.  
 TX Houston KLEF 94.5 TX  
 WV Buckhannon WVPW \*88.9 talking book for the blind.  
 MB Brandon CJCM 96.1 tMusic  
**NonIders or Slogan Users**  
 FL Miami WQBA-FM 107.5 Super-Q, L, disco, Physicians Radio Network on SCA  
 FL Tampa WJYW 100.7 Joy-101  
 IN Franklin WIFN 95.9 FM-96  
 IN Portland WPGW-FM 100.9 PG-14, strict  
 IN Scottsboro WUPI 100.9 FM-101  
 IN Winchester WIUC 98.3 New-U (new owners)  
 IA Cedar Falls KUNI 90.9 FM-91  
 IA Davenport K272AK FM-102  
 KS Newton KOE2 92.3 FM-92  
 MI East Lansing WFMK 99.1 FM-99 [2-96]  
 MI Grand Rapids WZZR 95.7 nononID (was /  
 MO Warrensburg KCMW \*90.9 FM-91  
 OH Akron WAUP \*88.1 FM-88  
 OH Findlay WHMQ 100.5 Super Q  
 PA Meadville WPSR 100.3 Radio-15  
 PA Philadelphia WZRH 106.1 Wish-13  
 SC Charleston WXTG 96.9 Ecstasy  
 TX Corsicana KXCL 107.9 Country Fresh  
 NS Sydney CJCB-FM 94.9 Stereo 95; they do not mention Sydney, only "Cape Breton" Island.

## Call Letter Changes/Assignments

AZ Casa Grande 105.5 KSAK (KBFE)  
 AZ Chandler 107.9 KMLE (KLRG)  
 AZ Safford 94.1 KXKQ  
 CA Ceres \*89.5 KBES  
 CA Holtville 100.1 KGBA  
 CA San Rafael \*88.1 KSRH  
 CA Ukiah 94.5 KWNE (KLIL)  
 CA Yuba City 103.9 KXEZ (KHFX)  
 IN Fort Wayne 101.7 WEPZ (WCXM); m (from mr.); "EZ-102."  
 KS Fort Scott 103.9 KZLN  
 KY Louisville 99.7 WKJF-FM (WCNS), r, "KJ-100"  
 103.9 WXLN (WFIA-FM), e, "XL-104."  
 MI Heidelberg 92.7 WMMQ (WCER-FM)  
 MS Charlotte 93.3 WEZC  
 MS Meridian 101.3 WJDD (WDAL)  
 MS Tupelo 98.5 WZLQ (WELO-FM)  
 MT Plentywood 100.1 KATQ-FM (KPWD)  
 NH Conway 93.5 WMMV (WBNC-FM)



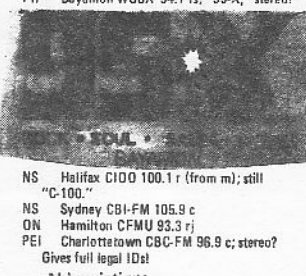
NC Humberton 95.7 WGSS (WTSB-FM)  
 NC Moyock 92.1 WQZO (WJZY)  
 NC New Bern 101.9 WAZZ (WRBK)  
 PA Mifflinburg 98.3 WWMC (WJJR)  
 SC Orangeburg \*91.9 WFCM  
 TX Killeen 93.3 KIXS-FM\* (KIXS-FM; AM has new call letters).  
 VA Winchester 92.5 WQUS (WRFL), "US 2"  
 WA Berrington 106.9 KWVA (KBRQ-FM)  
 WA Spokane 105.7 KEZE-FM\* (KEZE-FM)  
 WI Racine 100.7 WRKR-FM\* (WRKR-FM)  
 ON St. Catharines 97.7 C1QR (CKTB-FM); k.

Formats/Networks

AZ Scottsdale KPFA-FM 100.7 r (from m)  
 AR Arkadelphia KSWH \*91.1 jr  
 AR Batesville KGED \*88.1 r  
 AR Fayetteville KUAF \*88.9 U  
 CA LaCanada KUNF \*88.3 p (off air?)  
 CA Los Angeles KHTZ (97.1) no Dolby, "K-Hits," r (drops k); no NBC.  
 CA Modesto KOHS \*90.5 mr  
 CA Pacific Grove KAZU \*90.3 cj  
 CA Palm Springs KPSH \*88.3 m; U  
 CT Hamden WKCI 101.3 r; KC-101  
 CT Hartford WJMJ \*88.9 m (from mg)  
 CT Westport WDJF 107.9 p (from rj)  
 DE Hockessin WZZE \*88.7 r  
 DE Newark WXDR \*91.3 jc; Y  
 DE Wilmington WMFH \*91.7 A  
 DC Washington WASH 97.1 best called all r, not m.  
 FL Melbourne WFIT \*91.5 pj  
 FL Tallahassee WANF \*90.5 Z  
 GA Macon WDFN-FM 105.3 U (from S)  
 GA Savannah WHCJ \*88.5 jc  
 GA Statesboro WVG5 \*91.3 p  
 ID Boise KBSU \*90.1 \*90.1 p  
 ID Rexburg KRIC \*90.1 Y  
 IL Arlington Heights WFBV \*88.3 m  
 IL Bloomington WESN \*88.1 S  
 IL Chicago WMET 95.5 pr  
 IL Decatur WJMU \*89.9 E  
 IL Elmhurst WTPC \*88.7 dc  
 IL Hinsdale WHSD \*88.5 Y (from E); claims to have 250 watts, but I disbelieve!  
 IN Carmel WHJE (\*91.3) pr  
 IN Elkhart WFRN 104.7 g (from gm)  
 IN Fort Wayne WMEF 97.3 pr, "Magic 97."  
 IN Indianapolis WJEL \*89.1 Y  
 IN Pendleton WHEM \*91.7 pr  
 IN Terre Haute WVTs 100.7 rg (from rm)  
 IA Grinnell KDIC \*88.5 Y  
 IA West Des Moines KWDM \*88.9 rj  
 KY Falmouth WNKR 95.3 k (from r); \$  
 KY Somerset WSSC \*90.7 r (was m)  
 LA Natchitoches KNWD \*91.7 r  
 LA Shreveport KBCL \*91.3 p  
 ME Biddeford WBSF \*91.7 p  
 ME Brewer WGUU-FM 100.9 r (not rk), "FM-101."  
 ME Gardiner WABK-FM 104.3 r (not mr)  
 ME Millinocket WKTR 97.7 m (from k) CBS  
 ME Presque Isle WDPH 96.9 r (not mr) FM-96  
 ME Waterville WMHB \*91.5 r  
 MD Baltimore WJHU \*88.1 cp: shares time with WSPH \*88.1 Baltimore?  
 MD Braddock Heights WZYQ-FM 103.9 rd, D-104 (not Z-104).  
 MA Acton WHAB \*89.1 rk, some cjm, folk, "Colonial Radio." Phone 617-263-9950.  
 MA Boxford WBMT \*88.3 mr ON AIR, heard on skip; 710 h.v.; 19 feet.  
 MA Framingham WDJM \*91.3 AP Audio  
 MA Holyoke WCCH \*89.5 p  
 MA Springfield WTCC \*90.7 Mutual

MA Wellesley WZLY \*91.5 r, AP Audio  
 MI Adrian WVAC \*88.1 no network  
 MI Elsie WOES \*91.3 cr  
 MI Monroe WEJY \*89.5 p  
 MI Mount Pleasant WMHW \*91.5 S  
 MI Oak Park WOPR \*90.3 r  
 MI Ontonagon WOAS \*88.5 m  
 MI St. Paul KJAB \*91.7 pj  
 MN KSTP-FM 94.5 rm  
 MO Kansas City KLIJ \*88.5 I  
 NH Henniker WNEC \*91.7 A  
 NH Keene WKNH \*89.1 p; E  
 NH Plymouth WPCR \*91.7 Y  
 NJ Lawrenceville WWRC \*88.5 r  
 NJ Lincroft WBJB \*90.5 pj  
 NJ Ship Bottom WJRZ 100.1 r (not rm)  
 NJ Trenton WBJH 101.5 r (oldies)-was m  
 NY Alfred WALF \*89.7 I  
 NY Brockport WBKT \*90.5 r, I  
 NY Elmira WECW \*88.1 p, A  
 NY Glens Falls WGRF \*91.9 p  
 NY Houghton WJSL \*90.3 rg  
 NY Oneonta WRHO \*89.5 U  
 NY WONY \*90.9 U  
 NY Plattburgh WPLT \*91.1 pj  
 NY Poughkeepsie WSPK 104.7 r  
 NY Sodus WSCS \*89.5 r  
 NY Syracuse WONO 107.9 m (from c)  
 NY Valhalla WARY \*88.5 pr  
 NC Bridgeton WSFL 108.5 d (from r), "Electric FM."  
 NC Charlotte WFAE \*90.7 cj; P  
 NC Davidson WDAV \*89.9 A  
 NC Fayetteville WFSS \*88.1 ja  
 NC Rockingham WRSH \*91.1 m  
 OH Celina WKKI 94.3 pr (from k); no longer using K-94 nonID. LET us know when stations in your area STOP using nonID!  
 OH Celina WCSM-FM 96.7 r (from rm); no longer IDing as Celina-St. Mary's Oh.  
 OH Delaware WSLN \*91.1 A  
 OH Findlay WLFC \*88.3 r  
 OH Middletown WPFH 105.9 dg  
 OH New Concord WMCO \*90.7 r (from cr)  
 OH Salem WDSM-FM 105.1 mk  
 OH Springfield WUSO \*89.1 jc; A  
 OH Toledo WMHE 92.5 r (from disco)  
 OH Central Point KCHC \*91.7 r  
 OR Corvallis KBVR \*90.1 jc (from r)  
 PA Chester WDNR \*9 \*89.5 pj  
 PA Jersey Shore WYBT 97.7 g; Y-98; \$?  
 PA Mansfield WNTZ \*89.5 r  
 PA Meadville WARC \*90.3 I  
 PA New Wilmington WKPS \*88.9 r; I  
 PA Red Lion WGCB-FM 96.1 gk  
 PA Westminster WCDSD \*89.3 I  
 SC Columbia WUSC \*91.9 pc  
 SC Greenville WFBC-FM 93.7 A (from M)  
 SD Sioux Falls KAUP \*89.1 I  
 TN Chattanooga WDDO-FM 96.5 mg (from country and gospel music)  
 TN WSKZ 106.5 rp  
 TN Gallatin WYCP \*88.3 c  
 TN Knoxville WBIR-FM 103.5 r (from k)  
 UT St. George KRDC \*90.1 r  
 UT Vernal KUIB \*88.1 mr; Stereo  
 VT Plainfield WGDR \*91.1 rp  
 VT Randolph Central WVTVC \*90.7 r  
 VT Northford WOWI 102.9 ds, "Wowie-103."  
 VT Woodbridge-Alexandria WXRA 105.9 Y (from E), "Country 106."  
 WA Centralia KCED \*91.3 rj  
 WV Bethany WVBC \*90.1 U  
 WV Elkins WCDE \*90.3 p  
 WV Parkersburg WIBZ 99.3 A (not Y)

WV Philippi WQAB \*91.3 r  
 WV St. Albans WKLC-FM 105.1 rp (from k); "Albium Rock 105."  
 WV Shepherdstown WSHC \*88.7 r  
 WV Wheeling WPHF \*91.9 r  
 WI Beloit WBCR \*88.1 Mutual  
 WI River Falls WRFS \*88.7 pc  
 WI Waukesha WCCX \*88.1 (may go to 104.5 p)  
 PR Arcibo WCMN-FM 107.3 r, "Hits of the Moment" (translated), "Delta 107."  
 PR Bayamon WGSX 94.7 rs; "95-X," stereo?



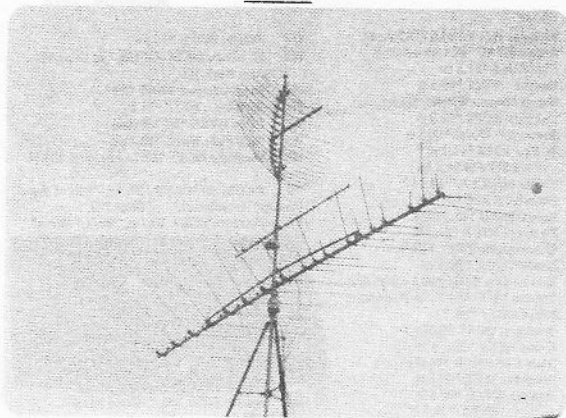
NS Halifax C100 100.1 r (from m); still "C-100."  
 NS Sydney CBI-FM 105.9 c  
 ON Hamilton CFMU 93.3 rj  
 PEI Charlottetown CBC-FM 96.9 c; stereo? Gives full legal ID!

**Abbreviations**  
 c classical, d disco, e ethnic, g gospel, jazz is j, k country, L Latin (Spanish), m middle of the road (no rock), n all news, p progressive rock, r rock, s soul. Networks: A ABC-FM, where ABC stands for American Broadcasting Company, C Columbia Broadcasting System, E ABC Entertainment, I ABC Information, M Mutual, N National Broadcasting Company, P National Public Radio, S Associated Press Audio, U is United Press Audio, Y ABC Contemporary, Z Mutual Black Network. SCA symbols, following ↑ are: M music, X teleprinter or audible teletype, or digital data transmissions. \$ is stereo, h is horizontal effective radiated power in watts and v is vertical (or circular) effective radiated power in watts of a frequency modulated radio station. SCA stands for "Subsidiary Communications Authorization," and usually at 87 kHz from an FM station's center of channel.

WKDC \*88.3 Kankakee IL tells me they are on 9 am to 8 pm Sundays, 4 pm to midnight Mon-Fri, and 4 pm to 10 pm Saturdays, effective Sept. 9, 1979. Fire, according to an article, sent by Dr. Richard Wood, damaged extensively the building housing KXCV (FM) \*90.5 Maryville MO. Not known if KXCV is off the air or not. An SCA customer in PA writes: "The SCA is very pleasant to hear. Your installation of the adapter is professional in every respect..."  
 WCLK \*91.9 Atlanta asking donations to help increase to 2500 watts. Nick Lombardi says it would be good to have an appeal in the VUD to supply information on the SCA activity of the 400 or so FM-SCA stations for which we have (or had) no information.

**CONTRIBUTORS:** L. Boehl NE, P. Boersma MI, R. Clark WV, J. Combs FL, J. Ebeling MN, J. Folsom NJ, P. Gaines MI, S. Hancock OH, D. Hascall Ia, H. Hayes PA, C. Ingram PA, A. Lobel CA, N. Lombard GA, M. Long, Digital Bstg. Corp. VA, B. Lovett OH, L. McKinney PA, G. Mont NY, R. Moon PA, H. Paulson Jr. NE (who sent article on Digitcast Project for FM-SCA), P. Patsky MI (who sent a picture of W289 AA MN translator, but the picture is not clear enough to print in VUD), J. Pickering VA, S. Remington CA, J. Robertson MI, R. Schatz FL, E. Scott NY, A. Smith MD, R. Strobel IN, P. Sullivan MA, J. Tomasin CA, L. Wall MA, R. Wood MO, R. Zeit IN, J. Zondio IN

Feature

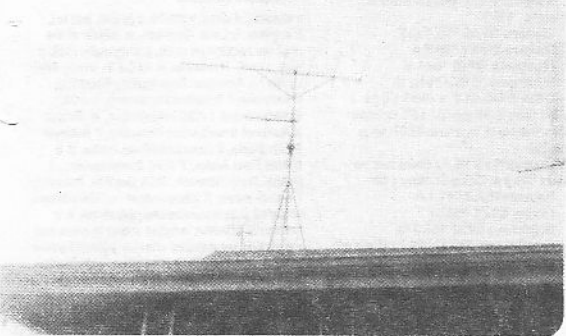


This month, PHOTO-NEWS travels to Baltimore, MD for a look at the antenna system of none other than '79 Convention co-host Tom Yingling. At the left is Tom's Finco 5' dish for UHF-TV, mounted at 50'. Below the dish are first an 11-element UHF police band antenna; then a Blonder-Tongue CMA-Ub UHF amp; and at the bottom, a Lafayette 36-element log periodic for VHF TV. Not visible in the photo is a ground plane for highband VHF police radio, mounted just above the 5' dish. All this is turned by an RCA model 10W707 rotor, and mounted atop a 5' tripod.

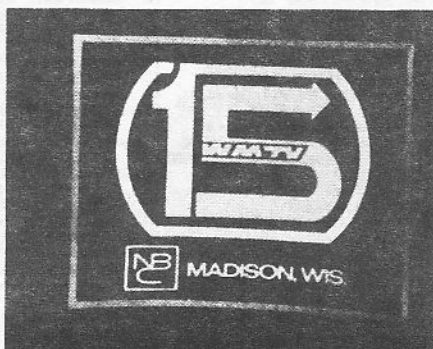
In the next photo are for FM a Channel Master Stereo Probe 9 at 40', and below it a 3 element yagi for highband police radio. These are also mounted on a 5' tripod tower, and are turned by a CDE AR-33 rotor.

My thanks to Tom Yingling for this month's feature, and to Tom and Don Blevins for their efforts on making this year's WTFDA convention a success.

If you haven't yet sent in photos of yourself and/or the equipment you use for VHF/UHF DXing, send some in soon! We'd like to run such photos more often!



XHRIO-2 Matamoros, TAMS Mexico  
995 mile E-skip (John Combs, Orlando FL)  
(Note: this station is a new Mexican  
that operates in English and shows the  
above McAllen, TX address! -jja)



WMTV-15 Madison, WI  
305 mile tropo (Paul Gaines, Detroit MI)



CHNB- 4 North Bay, ON  
1,215 mile E-skip (Combs)



KYCU- 5 Cheyenne, WY  
1,090 mile E-skip (Gaines)



WSVI- 8 St. Croix, US Virgin Islands  
425 mile tropo (Clark)



WDCO-15 Cochran, GA  
295 mile tropo (Combs)



WVIR-29 Charlottesville, VA  
300 mile tropo  
6/17/79, 0100 EDT (Levitt)

This month's column marks the beginning of PHOTO-NEWS' 6th year. Your editor would like to thank all those who have contributed to the column during its first 5 years.

Contributors:

- John Combs,  
Orlando, FL
- Paul Gaines,  
Detroit, MI
- Richard Clark,  
Santo Cerro, Dominican Rep.

Scott Levitt,  
South Plainfield, NJ

73 and good DX, *Jim*

# 4C TV NEWS

John F. Combs  
2485 Ivan Ct.  
Orlando FL 32807

September 1979

## NEW STATION ON-AIR

PA Greensburg WPCB-40+ 4-12-79??

## STATIONS TEMPORARILY OFF-AIR

NC Asheville WANC-21; 7-24 until 10-22

SC Anderson WAIM-40; 7-19 until 10-17

(Reason for these hiatuses is unknown)

## CONSTRUCTION PERMITS GRANTED

AL Gadsden Ch. 44+ 759 kw 1010\*AAT

LA Lafayette Ch. 15 282 kw 210\*AAT

(Perhaps to pick up NBC like old KLN1?)

## CHANGES GRANTED IN OPERATING STATIONS

IN Ft. Wayne WPTA-21 to 562,740 (178,760)

NY Albany WAST-13 to 178,1180(170,1210)

## APPLICATIONS FOR NEW STATIONS (\*non-comm.)

CA Stockton Ch. 64 1256 kw 1017\*AAT

HI Honolulu Ch. 20+ 284 kw 75\*AAT

IN Evansville Ch. 44- 1314 kw 970\*AAT

\*IN Terre Haute Ch. 26- 1520 kw 475\*AAT

KY Somerset Ch. 16 540 kw 640\*AAT

LA Houma Ch. 11 316 kw 470\*AAT

NE Omaha Ch. 42+ 806 kw 1035\*AAT

NC Fayetteville Ch. 40+ 727 kw 349\*AAT

NC Greensboro Ch. 48- 1109 kw 1695\*AAT

NC Greensboro Ch. 48- 1000 kw 1696\*AAT

OH Canton Ch. 67 70 kw 292\*AAT

OR Eugene Ch. 16+ 2052 kw 2424\*AAT

OR Eugene Ch. 16+ 1855 kw 1685\*AAT

OR Springfield Ch. 16+ 1450 kw 1520\*AAT

(Eugene allocation)

TX Corp.Christi Ch.38+ 3120 kw 763\*AAT

WI Tomah Ch. 43? 180 kw 720\*AAT

## CALL LETTERS ASSIGNED

PA Reading Ch. 51 : WTVE

TX Amarillo Ch. 14+; KJTV

TX Harlingen Ch. 60 : KZLN (ETV)

## CHANGES IN CALL LETTERS

MS Tupelo WTVA-9 (ex-WTVG)

NJ Newark WHHT-68 (ex-WTVG)

TX Lubbock KAMC-28 (ex-KMCC)

## CHANGE IN ALLOCATION TABLE

GA Royston Add Ch. 22- (ETV)

GA Warm Springs Delete same

## SELECTED TRANSLATOR CONSTRUCTION PERMITS

CA Canyon Dam K67BS (KTXL-40) 100

FL Big Pine W36AA (WPBT-2) 100

W47AC (WTVJ-4) 100

W55AM (WCIX-6) 100

W57AM (WCKT-7) 100

W60AK (WPLG-10) 100

FL Key West W31AB (WPBT-2) 100

(\*NOTE duplication w/Matecumbe;

one is not W35AC) \*W35AC (WTVJ-4) 100

W44AC (WCIX-6) 100

W49AE (WCKT-7) 100

W66AN (WPLG-10) 100

FL Marathon W30AB (WPBT-2) 100

W38AA (WTVJ-4) 100

W63AL (WCIX-6) 100

W65AB (WCKT-7) 100

W68AI (WPLG-10) 100

FL Matecumbe W32AB (WPBT-2) 100

\*W35AC (WTVJ-4) 100

W40AA (WCIX-6) 100

W43AD (WCKT-7) 100

W59AJ (WPLG-10) 100

FL Rock Harbor W56AZ (WPBT-2) 100

W61AI (WTVJ-4) 100

W64AN (WCIX-6) 100

W67AP (WCKT-7) 100

W69AS (WPLG-10) 100

KY Cawood W66AM (WKHA-35) 10

KY Hopkinsville W57AJ (WKMA-35) 10

KY Letcher W67AN (WKHA-35) 10

KY Tompkinsville W55AL (WKSO-29) 100

MI Iron Mountain W67AO (WAE0-12) 20

MN Deer River K63BK (WDS-8) 100

MN Northome K55BY (WIRT-13) 100

K57BK (KDLH-3) 100

NC Camp Lejeune W19AE (WUNK-25) 100

OH Bowling Green W27AC (WBGU-57) 1000

OK Beaver City K56AY (KWET-12) 100

OK Buffalo K58AX (KWET-12) 100

OK Guymon K16AB (KWET-12) 1000

## SELECTED TRANSLATOR APPLICATIONS

DC Washington Ch. 56 (\*KWEX-41) 1000

FL Ft. Pierce Ch. 21 (WTOG-44) 1000

FL Ocala Ch. 29 (WTOG-44) 1000

IA Fenton Ch. 56 (WHO-13) 20

MI Detroit Ch. 68 (\*KWEX-41) 1000

MN Alexandria Ch. 24 (KSTP-5) 1000

(Supersedes previous Ch. 34 application)

MN Wadena Ch. 20 (KSTP-5) 1000

NJ N.Bergen Cty. Ch. 28 (WHHT-68) 100

TX Dallas Ch. 55 (\*KWEX-41) 1000

WI Eau Claire Ch. 55 (KSTP-5) 100

WI Ladysmith Ch. 36 (KSTP-5) 100

WI Rice Lake Ch. 59 (KSTP-5) 100

WI Spooner Ch. 57 (KSTP-5) 100

(\*these are actually satellite feed of SIN--

obviously NOT direct-off-air pick-up!)

## STATE OF THE INDUSTRY (drum roll, please...)

Commercial: 515 VHF

211 UHF

726

Non-comm.: 109 VHF

167 UHF

276

TOTAL ON-AIR: 1002

(plus 78 CPs and 260 applications)

Translators: 2398 VHF

1207 UHF

Total: 3605

# 5 pages of CANADIAN

info follow →

EDITOR'S NOTES: I have had no time to scan the latest issues of Broadcasting, but this column will be long enough without that information! Also take note of the new format of the column. I hope that it is more functional as well as attractive. It is arranged so that any particular states of interest can be located almost immediately.

SPECIAL HONORS this month go to 2 readers who went "above and beyond the call of duty."

In answer to my complaint about lacking March issues of Broadcasting, Greg Monti researched the issues and sent a 2-page capsulized version of its contents. Paul Petosky, who recently took the job of General Manager at WIDG (AM) in St. Ignace MI, mailed me 2 of the March issues!

Alberta

Cowley	new Ch 27	10w	ex CBRT-8 (47) Burmis
Exshaw	new Ch 34	1w	ex CBRT (9) Calgary
Ft. McMurray	new Ch 12 CBXFT-6	5.8kw	200' ex CBXFT (11) Edmonton
GrandePrairie	new Ch 10	3.3kw	" " " " " "
Lac La Biche	new Ch 22	6kw	" " " " " "
Lougheed	new Ch 7 CFRN-7	5kw	ex CFRN (3) Edmonton

Applications:

Bonnyville	new Ch 7	10w	ex CFTL (4) Lloydminster
Cootts-Milk River	new Ch 4	420w	ex CBRT (9) Calgary
Plamondon	new Ch 8	9.33w	ex CBXT (5) Edmonton

British Columbia

Blue River	GFJC-TV-13	changes from Ch 3 to 11 and power from 5 to 10w.	
Cowston	CHKC-TV-3	changes from Ch 3 to 13 and power from 5 to 8.9w.	
Dawson Creek	new Ch 33	470w	ex CBUFT (26) Vancouver
Falkland	new Ch 12	5w	ex CHKL (5) Kelowna
Fort Fraser	new Ch 6	35w	ex CKPG (2) Prince George replaces CKPG-3 (6)
Granisle	new Ch 7	10w	ex CIFG (12) Prince George
Harrison Hot Springs	new Ch 13	10w	ex CBUT (2) Vancouver
Kamloops	new Ch 50	1.5kw	ex CBUFT (26) Vancouver
Kermeos	CHKC-TV-4 (9)	Deleted	
Kermeos	CHKC-TV-1	from Ch 4 to 9.	
Olalla	CHKC-TV-2	from Ch 11 to 6	
Olalla	CHKC-TV-5	changes from Ch 6 to 11 and power from 5 to 8.9w.	
San Josef	new Ch 13	1w	ex CBUT (2) Vancouver
Topley Landing	new Ch 11	10w	ex CIFG (12) Prince George
Vancouver	CBUT (2)	power to 50kw	
Vanderhoof	new Ch 18	10w	ex CKPG (2) Prince George
Vavenby	new Ch 13	10w	ex GFJC (4) Kamloops
Victoria	CBUFT (10)	160kw: Despite completion of the studio building and transmitter, the CBC has decided to surrender the licence for this station due to the extraordinary increase in the cost of equipping the studio and operating the station in the face of the government funding freeze. The station would have essentially duplicated the service of CBUT (2) Vancouver, already received in Victoria, except for a few hours of local programming a week. Western Access, owners of CKVU (21) Vancouver and original applicants for the Ch 10 frequency (in Vancouver), have indicated that they will apply for a licence to operate on Ch 10 in Victoria as a full time CBC outlet. This would give them two outlets in essentially the same market, the same as BCTV.	



Applications:

Chetwynd	new Ch 7	10w	ex CJDC (5) Dawson Creek
Dawson Creek	new Ch 10	10w	ex CFRN (3) Edmonton AT
Fort St. James	new Ch 7	5w	ex CKPG (2) Prince George
Neden Harbour	new Ch 10	1w	ex CFTK (3) Terrace
Narrows Inlet	new Ch 10	1w	ex CHEK (6) Victoria
Pitt River	new Ch 10	1w	" " " " " "
Pouce Coupé	new Ch 8	10w	ex CJDC (5) Dawson Creek
River Jordan	new Ch 18	20w	ex CBUFT (10) Victoria
Silver River	new Ch 7	1w	ex CBUT (2) Vancouver
Taylor	new Ch 7	10w	ex CJDC (5) Dawson Creek
Wakeman Sound	new Ch 0	1w	ex CBUT (2) Vancouver
Wakeman Sound	new Ch 7	1w	ex CRAN (8) Vancouver



Manitoba

SEPTEMBER 1979

Brandon new Ch 21 CEWFT-10 5.5kw ex CEWFT (3) Winnipeg  
 Foxwarren CKX-TV-1 (11) power from 6.64kw to 46.8kw.  
 Minnedosa new Ch 2 Denied 100kw ex CKND (9) Winnipeg

Applications:

Mafeking CEWFT (2) wishes to introduce local programming from the studios of Western Manitoba Broadcasting in Dauphin

New Brunswick

Edmunston CEBAFT-2 (13), formerly CJER-TV-1 power from 1.43kw to 8.5kw.

Applications:

Nequac CEBAFT-3 (3) power from 550w to 45w.

Newfoundland

Ferryland new Ch 4 8.9w ex CBNT (8) St. John's  
 Petty Harbour new Ch 13 8.9w ex CBNT (8) St. John's  
 St. John's new Ch 12 Deferred 60w " " " "  
 St. John's new Ch 4 Deferred 93w ex SRC via Anik  
 The CRTC wishes a study conducted to see if this relatively small city can be served without requiring so many transmitters. This has been going on for quite a while -- see Canadian News VUD May 77 page 34.

Nova Scotia

Bay St. Lawrence new Ch 13 8.9w ex CBIT (5) Sydney  
 Digby new Ch 52 6kw ex CBHT (3) Halifax  
 Digby new Ch 58 6kw ex CEBAFT (11) Moncton NB  
 Dingwall new Ch 12 3.9w ex CBIT (5) Sydney  
 Halifax new Ch 20 Denied to ATV  
 Ingonish new Ch 2 8.9w ex CBIT (5) Sydney  
 Middleton new Ch 8 17.2kw ex CBHT (3) Halifax  
 Middleton new Ch 46 120 kw ex CEBAFT (11) Moncton NB  
 Port Hawkesbury new Ch 3 5.6kw ex CJCE (4) Sydney  
 Shelburn CBHT-2 changes from Ch 8 to 7 power from 423w to 8.4kw  
 Sydney CBIT (5) power to 61kw  
 Turo new Ch 12 8.4w ex CJCH (5) Halifax  
 Valley new Ch 12 8.4w " " " "  
 Yarmough CJCH-TV-7 changes from Ch 13 to 40 power from 5w to 12kw

Northwest Territories

Tungsten new Ch 10 1w ex CBC Anik

Ontario

Armstrong new Ch 10 1w ex CKPR (2) Thunder Bay  
 Armstrong new Ch 13 8.4w ex CHFD (4) Thunder Bay  
 Atikokan\* new Ch 13 Denied 8.4w CTV network  
 Atikokan\* new Ch 4 Denied 5w Brough tapes  
 Atikokan\* new Ch 11 Denied 10 w Northern Lights tapes  
 Caramat\* new Ch 4 5w Brough tapes  
 Caramat\* new Ch 4 8.5w TVO tape delay  
 Chapleau new Ch 13 487w ex CBFT (25) Toronto  
 Chapleau\* new Ch 3 Denied 5w Brough tapes  
 Cochenour\* new Ch 11 Denied 10w Northern Lights tapes  
 Cochenour\* new Ch 3 Denied 5w Brough tapes  
 Dryden\* new Ch 4 8.4w CTV network  
 Dryden\* new Ch 4 Denied 100w CTV network  
 Dryden\* new Ch 4 Denied 40w Brough tapes  
 Dryden\* new Ch 11 Denied 10w Northern Lights tapes  
 Dubreuilville new Ch 7 10w ex CBFT (25) Toronto

Far Falls*	new Ch 7	9.4w	CTV network
Far Falls*	new Ch 14	10w	CTV network
Far Falls*	new Ch 4	5w	Brough tapes
Far Falls*	new Ch 11	10w	Northern Lights tapes
Far Falls*	new Ch 6	10w	TVO tape delay
Ft. Frances*	new Ch 4	9.4w	CTV network
Ft. Frances*	new Ch 25	100w	CTV network
Ft. Frances*	new Ch 4	5w	Brough tapes
Ft. Frances*	new Ch 11	10w	Northern Lights tapes
Geraldton*	new Ch 6	5w	Brough tapes
Geraldton*	new Ch 11	10w	Northern Lights tapes
Horne Payne*	new Ch 4	1w	Brough tapes
Ignace*	new Ch 8	9.4w	CTV network
Ignace*	new Ch 14	10w	CTV network
Ignace*	new Ch 4	5w	Brough tapes
Ignace*	new Ch 11	10w	Northern Lights tapes
Ignace*	new Ch 6	10w	TVO tape delay
Kenora*	new Ch 13	17.3w	CTV network
Kenora*	new Ch 21	100w	CTV network
Kenora*	new Ch 4	50w	Brough tapes
Kenora*	new Ch 11	10w	Northern Lights tapes
Longlac*	new Ch 4	5w	Brough tapes
Longlac*	new Ch 11	10w	Northern Lights tapes
Longlac*	new Ch 4	10w	Tape delay
Longlac*	new Ch 6	10w	Tape delay
Manitouwadge*	new Ch 3	5w	Brough tapes
Marathon*	new Ch 8	5w	Brough tapes
Mattabi Mines*	new Ch 4	5w	Brough tapes
Mattabi Mines*	new Ch 11	10w	Northern Lights tapes
Moosonee*	new Ch 4	5w	Brough tapes
Moosonee*	new Ch 11	10w	Northern Lights tapes
Nakina*	new Ch 4	5w	Brough tapes
Nakina*	new Ch 11	10w	Northern Lights tapes
Nakina*	new Ch 4	10w	TVO tape delay
Nakina*	new Ch 6	10w	French tape delay
Pickle Lake*	new Ch 4	5w	Brough tapes
Pickle Lake*	new Ch 11	10w	Northern Lights tapes
Pickle Lake*	new Ch 4	9w	Tape delay
Rainy River*	new Ch 4	5w	Brough tapes
Red Lake	new Ch 12	9.4w	CTV network
Red Lake	new Ch 7	100w	CTV network
Sault Ste Marie	new Ch 26	1.2kw	ex CELFT (25) Toronto
Schrieber*	new Ch 6	5w	Brough tapes
Sioux Lookout*	new Ch 7	9.4w	CTV network
Sioux Lookout- Hudson*	new Ch 3	9.4w	CTV network
Sioux Lookout*	new Ch 4	5w	Brough tapes
Sioux Lookout*	new Ch 11	10w	Northern Lights tapes
Sioux Lookout*	new Ch 6	10w	TVO tape delay
South Bay Mine*	new Ch 4	5w	Brough tapes
South Bay Mine*	new Ch 11	10w	Northern Lights tapes
South Bay Mine (Township of Dent)*	new Ch 4	1w	Tape delay
Terrace Bay*	new Ch 3	5w	Brough tapes
Terrace Bay*	new Ch 11	10w	Northern Lights tapes
Thunder Bay	new Ch ?		ex CELFT (25) Toronto
Timagami	new Ch 15	14.2kw	ex CFNB-TV (4) North Bay
Wawa	new Ch 16	7kw	ex CELFT (25) Toronto
Wawa*	new Ch 4	5w	Brough tapes
Wawa*	new Ch 11	10w	Northern Lights tapes
Wawa*	new Ch 4	1w	Tape delay
White River*	new Ch 4	5w	Brough tapes

\* The CRTC issued new guidelines for low power stations in remote regions, slightly easing the rules governing these stations. They would be allowed where there was no TV or only a CBC relay. The licensing of the transmitters carrying the CTV network therefore precludes this type of operation in those towns. If local ownership and operation were available, licences would be granted to Longlac, Nakina, Pickle Lake, South Bay Mine, Saramat, Mattabi Mines, Moosonee and Rainy River. If local ownership were not available, consideration (cont.)

would be given to the applications from David Frouch, Northern Lights and some others. (The bids for TVO tape delay stations were private.) Frouch would be considered for Lonlac, Nekima, Pickle Lake, South Bay Mines, Caramat, Mattabi Mines, Moosonee and Rainy River. Northern Lights for Lonlac, Nekima, Pickle Lake, South Bay Mines, Moosonee, Mattabi Mines and other applicants for Lonlac, Nekima, Pickle Lake, South Bay (Township of Dent) and Caramat. It should be noted, however, that David Frouch, at least, already has stations on the air and he has indicated that he intends to continue operation. The applications for his transmitters may, in fact, represent stations now on the air. See FCC News in the WUD for Sept 78 p.3.

#### Applications:

Atikokan	CFMT-1 (7)	power from 54kw to 3.9kw	
Geraldton	new Ch 7	2.3kw	ex CELEST (25) Toronto
Manitouwadge	new Ch 15	9.8kw	" " " "
Toronto	CFMT-TV	seeks change from Ch 45 to 47 and power increase from 104.5kw to 307kw on the CN Tower.	

#### Prince Edward Island

Charlottetown	new Ch 31	91kw	ex CBAFT (11) Moncton
---------------	-----------	------	-----------------------

#### Quebec

Campement Duplantier II *	new Ch 9	10w	ex SRC via Anik
Campement Golette*	new Ch 12	10w	" " " "
Camp Levaeren-drye*	new Ch 10	10w	" " " "
Camp Nemiskau*	new Ch 10	10w	" " " "
Deception Bay (Asbestos Hill)	new Ch 13	8.9w	ex CBC via Anik
Gros Morne	new Ch 4	10w	ex CEGAT (6) Matane
Hull	CFVO (30)	power to 715.3kw	
Hull	CHOT (40)	power to 275.1kw	(TVA network)
Ile de la Madeleine	CFBMT (12)	power from 1.48kw to 2.8kw	
La Tabatiere	new Ch 10	62w	ex CBMT (6) Montreal
Lithium Mines	new Ch ?	CFPM-TV-1	ex CFPM (?) Rouyn-Noranda (?) TVA net
Manouane	new Ch 5	10w	ex SRC via Anik
Mersoui	new Ch 12	10w	ex CEGAT (6) Matane
Obedjiwan	new Ch 10	10w	ex SRC via Anik
Riviere St Paul	new Ch 11	23w	ex CBMT (6) Montreal
Rouyn/Noranda	new Ch ?	CFPM-TV	TVA Network
Weymont	new Ch 6	10w	ex SRC via Anik



#### Applications:

Erissay Camp*	CHLG-TV-4	change from Ch 4 to Ch 12 and power from 110w to 10w	
Campement LG4*	CHLG-TV-1	change from Ch 5 to Ch 6 and power from 128w to 53w	
Chibougamou	new Ch 4	236w	ex CBMT (6) Montreal
Camp Mirage* (near Camp LG3)	new Ch 12	10w	ex SRC via Anik
Pontange Camp*	CHLG-TV-7	change from Ch 2 to Ch 12 and power from 100w to 10w	
Fort St. George	new Ch 12	10w	ex CBMT (6) Montreal
Jonquiere	CKRS-TV (12)	power to 161kw	
Mistassini Station	new Ch 9	10w	ex CBMT (2) Montreal
Mistassini Station	new Ch 12	10w	ex CBMT (6) Montreal
Murdochville	new Ch 21	10w	" " " " "
Nouveau Comptoir	new Ch 12	10w	" " " " "
Trois Pistoles	new Ch 8	10w	ex CBMT-TV (9) Riviere du Loup

\* Construction camps at the James Bay hydro-power project

Saskatchewan

SEPTEMBER 1979

Pelleganda	new Ch 26	11.4kw	416'x	CEWFT (3) Winnipeg MB
Cypress Hills	new Ch 2	2.3kw	305'x	CJFP (5) Swift Current
Detden	new Ch 22	2.9kw	310'x	CEWFT (3) Winnipeg MB
Port Qu'Appelle	CEKFT-3 changes from Ch 5 to Ch 4 and power from 5 w to 8.9w			
Moose Jaw	new Ch 16	6.0kw		ex CEWFT (3) Winnipeg MB
Ponteix	new Ch 3	10.5kw	650'x	ex CJFP (5) Swift Current
St. Brieux	new Ch 7	CEKFT-4	1.4kw	185'x CEWFT (3) Winnipeg MB
Southend	new Ch 13	3.6kw		ex CEKST (11) Saskatoon
Willow Bunch	new Ch 21	9kw		ex CEWFT (3) Winnipeg MB
Yorkton	CKOS-TV (3) power to 14kw			
Zenon Park	new Ch 21	CEKFT-5	3kw	310'x CEWFT (3) Winnipeg MB

Applications:

Davidson	new Ch 14	11.4kw		ex CEKFT (9) Regina (Withdrawn)
Gravelbourg	new Ch 45	1.9kw		ex CEKFT (9) Regina
Gravelbourg	CEKFT-6 power from 20.9kw to 19kw 615'			
Marango	new Ch 15	12.8kw		ex CEKST (11) Saskatoon

Yukon Territory

Clinton Creek CEDCT (8) deleted\*

Applications:

Keno Hill	new Ch 5	5w		ex CEKFT (13) Keno Hill
Miles Ridge	new Ch 12	10w		ex CFBF (7) Beaver Creek

\* In this case when the mine closed, the town was dismantled including a bridge into the place and shipped out so that nothing now remains.

PROPOSED CANADIAN UHF-TV PLAN

ONTARIO

Channel No.

Arnprior.....	22
Barrie.....	14, 30, 42, 55
Bellefleur.....	15, 39, 52, 57, 62
Brantford.....	56
Brockville.....	36
Chatham.....	48, 59
Cobourg.....	64
Collingwood.....	26
Cornwall.....	27, 39, 45, 55, 61
Exeter.....	44
Forest.....	34
Gananoque.....	19
Goderich.....	55
Guelph.....	67
Hamilton.....	50
Hanover.....	68
Kingston.....	32, 38, 48, 54, 60, 65
Kitchener.....	28, 33, 39, 61
London.....	18, 40, 52, 64, 69
Midland.....	51
Niagara Falls.....	23, 45
Orillia.....	32
Oshawa.....	31
Ottawa.....	24, 35, 53, 53, 63, 69
Owen Sound.....	40
Pembroke.....	28
Penetanguishene.....	34
Peterborough.....	13, 27, 44, 56, 63
Prescott.....	47
Renfrew.....	50
St. Catharines.....	50
St. Thomas.....	46
Sarnia.....	16, 29, 42, 51, 68

Smiths Falls.....	44
Stratford.....	36
Toronto.....	19, 25, 41, 47, 53, 53
Trenton.....	26
Uxbridge.....	22
Welland.....	48
Windsor.....	22, 26, 32, 43, 53
Wingham.....	43
Woodstock.....	15

QUEBEC

Channel No.

Asbestos.....	52
Buckingham.....	19
Chapeau.....	23
Coaticook.....	61
Donnacona.....	51
Drummondville.....	19, 33
Granby.....	21, 43, 59
Hull.....	30, 40
Joliette.....	14
Maneg.....	30
Montreal.....	17, 23, 34, 46, 56, 62, 67
Plessisville.....	61
Quebec.....	15, 24, 35, 45, 57
Ste. Adele.....	50
St. Hyacinthe.....	54
St. Jean.....	21
St. Jerome.....	56
Shawinigan.....	41, 60
Sherbrooke.....	39, 59, 63, 69
Surel.....	25, 36, 65
Thetford Mines.....	26, 32, 43, 53, 66
Trois Rivieres.....	16, 23, 47, 68
Valleyfield.....	29
Victoriaville.....	42, 53, 64

THE CANADIAN INFO on the preceding pages covers early September 1978 to about the end of June 1979. We still have a gap of info from April 1 to September 1, 1978, but Walter will try to locate the missing information when possible. Thanks again, Walter!

A BEVY OF NEW TRANSLATORS is cropping up, especially in Florida, where CPs were issued for 25 new 100-watt translators all through the Keys. The two WTOG-44 applications for kilowatt translators may simply be the first of many such applications. WTOG-44, don't forget, is owned by Hubbard Broadcasting, who are also owners of KSTP-5 and it's numerous translator applications. Also, note how Spanish International Network is planning to use many translators to provide Spanish language service in areas where none currently exists.

CONFUSION IN KNOXVILLE concerning the three local commercial stations: WATE-6 has been wooed away from its long-standing affiliation with NBC and has signed with ABC. That much we already knew. However, NBC has its eyes not on ABC-reject WTVK-26, but on current CBS affiliate WBIR-10. The idea of taking on NBC is attractive to WBIR-10 in light of the 1980 Olympics. WATE-6's contract with NBC expires on October 1; however, all three stations would like to have their affiliations settled at least three weeks sooner--to avoid viewer confusion that would result from the changes taking place 3 weeks into the new TV season!

OTHER ABC NEWS: The network switch between WTHR-13 and WRTV-6, both Indianapolis, took place on June 1.....new WMDT-47 Salisbury MD (Not on yet) has affiliated with ABC.

KTAR-12 on CHANNEL 27! Well, that's how an uID logging might read if you're not careful. On July 29 from 2000-2300 EDT, NBC re-ran the movie "Fire in the Sky", about a renegade comet that destroys Phoenix before your very eyes. The movie is one long plug for Phoenix affiliate KTAR-12; Elizabeth Ashley plays an executive with KTAR, mini-cams are frequently seen displaying the KTAR logo, etc., etc. Any confusion that may have resulted, however, should be alleviated by the fact that KTAR-12 is now KPNX-12! And, oh yes, Phoenix really is still all there....

TV NON-IDs? Heaven forbid, but it's true. TV stations have long made use of slogans and non-IDs, but many are taking on the trend of their FM kinfolk and using non-IDs with increasing regularity, some to the virtual exclusion of any more than the required legal ID, which often consists of barely discernable microscopic call letters anyway! 2 notorious proponents of this practice, as noted here on summer Es, are KYW-3 with their "3 for all" non-ID, and KTVO-3, who almost always IDs as "Your Friend 3." I believe it's time to take on the unfortunately needed task of running TV non-IDs in this column. Your help in this endeavor naturally, is needed!

THE "24 HOUR" CLUB has a new member; WFTV-9 in Orlando. They now program around the clock, 7 days a week. The c.e. says that the only time they will ever go off again is in case of an emergency, and he adds that modern transmitters no longer require the extensive testing and routine maintenance of the past.



Typical TV Non-ID; WTVX-34 FL

THE FIRST MULTI-LINGUAL TV STATION in North America is scheduled to be CHMT-47, scheduled to begin broadcasting from Toronto on September 3. They plan to broadcast in 40 languages! (40--count 'em--40) The station is getting a mixed reaction in Toronto, as CRTC regulations will require CATV systems to "bump" an American station from Chs. 2-13 to a mid-band or super-band channel, which not all subscribers are equipped to receive, in order to make room for CHMT-47.

BIZARRE DEPARTMENT: It was reported by UPI that a man with a history of mental illness, who had shot his estranged wife to death, proceeded to call WPLG-10 in Miami to confess to the shooting, and wanted to know if he would be paid for his news tip! No fooling!

PAY-TV NEWS NOTES: WXON-20 in Detroit is now running pay-TV programming....WKID-51 is scheduled to begin programming an evening pay-TV schedule shortly, replacing the religious program that had previously filled the evening hours. (For those who know of him, the inimitable Dave Dixon retains his All-Night show on the same station!).....Comsat is seriously considering offering home-satellite reception of pay-TV utilizing small rooftop antennas and relatively inexpensive converters. A similar system is being test-marketed in Japan.

MISCELLANY: WGCN-49 Red Lion PA reported on, but not official....Full Gospel Businessmen's Fellowship wants a 100-w UHF xlr in Muncie IN to repeat the 24-hour PTL Satellite Network--reportedly the first of many proposed xlr's....Two new IA xlr's making good DX: K38AB Ft. Madison (1-kw) and K54AF Keosauqua (100-w), both relay KIIN-12....New licensee of Orlando Ch. 35 wants WOFT-TV calls....a Christian concern is struggling to receive CP for Ch. 24 in St. Louis....The Ch. 14/60 switch in San Francisco has taken place....little WCMC-40 in Wildwood NJ being sold--plans are to up tower & power to more effectively represent South NJ market....2 new "supertowers" planned by KQTV-2 MO and WCTI-12 NC--both will rise nearly 2000'....WLIW-21 Garden City NY is back on-air with improved signal.....

CONTRIBUTORS: Robt. Baker, Humboldt IA; Leo Boehl, Gr. Island NE; Phil Boersma (WKJR-AM/FM), Spring Lake MI; Robt. Goodman, Cicero IL; Glenn Hauser (WUOT), Knoxville TN; David Leibold, Blyth ON, Canada; Greg Monti, Bayville NY; Walter Patton, Montreal PQ, Canada; Paul Petosky (WIDG-AM), St. Ignace & elsewhere MI; Ken Simon, Lk. Worth FL; Ralph Strobel, Muncie IN; Jeff 36 f, Silver Spring MD; Tom Yingling, Baltimore MD. **WHEW!** Many "jewels" from the new 1979 TV YEARBOOK (yes, it's finally out, hi!) will have to wait until October!.....73, JOHN.





John F. Combs continued

June								
3 Tr	2130	Panama City Vs	13 Es	1903	WTMJ-4 WI 1069	18 Tr	0830	WJPM-33 SC 408
Es	2246	WBBM-2 IL T		1907	KDAL-3 MN 1387			WRLK-35 SC 385
4	2030	Unided 2-4			MUF 93.3			WCWB-41 GA 318
6	1625	WKAQ-2 PR 1184		1916	WEAY-2 WI 1133			WANX-46 GA 403
	1627	WAPA-4 PR 1184		1930	WJMN-3 MI 1253	0835		WYBA-38 GA 341
	1631	WIFM-3 PR 1156		1959	KTCA-2 MN 1350	0840		WATL-36 GA 403
Tr	2245	W64AD-64 FL 164		2010	WISC-3 WI 1099	0850		WRET-36 NC 465
7 Es	1220	WKAQ-2 PR 1184		2159	KLNE-3 NE 1311	0855		WJSP-28 GA 357
		WIFM-3 PR 1156	14	2201	KMTV-3 NE T <sub>3</sub>	2115		W64AD-64 FL 164
		WAPA-4 PR 1184		0940	t/in CCI 2-6			W61AA-61 FL 184
	1410	KBTX-3 TX 910			WKYC-3 OH 887	2145		W69AA-69 FL 190
	1415	KFRC-2 TX 857		0955	WOAY-4 WV 655	2333		WRJA-27 SC 373
	1420	KMOL-4 TX T			Oak Hill			WPTF-28 NC 523
		KENS-5 TX T			Ch. 4 #45			WJPM-33 SC 408
	1427	Unided 4, NBC,		1000	WTVB-4 NY 986			"U/W33AA"
		1/2 hour delay			WCYR-3 NY 1031	2335		W64AD-64 FL at
	1428	KIII-3 TX T		1040	KDKA-4 PA T			VAFI 3445, very
	1449	Unided 3, NBC,		1058	WCIA-3 IL 951			watchable (all
		1/2 hour delay		1059	KTVY-4 OK 1059			XLT'rs relaying
	1800	WIFM-3 PR 1156			"WOAY still in"			WDBO CCI)
Tr	2240	WCIX-6 FL 226		1146	KTVO-3 MO 1039	19	0825	W64AD-64 FL 164
		"putting much CCI		1159	CKVR-3 ON 1096		0840	W61AA-61 FL 184
		O/ 7-mi. local		1205	WDIV-5 WV 735		2205	WJWJ-16 SC 290
		WDBO, unusual.		1208	CBLT-5 ON 1058			WEBA-14 SC 310
8 Es	1054	WKAQ-2 PR 1184		1217	MUF 92.9		2214	WRJA-27 SC 373
		WAPA-4 PR 1184		1238	WTVH-5 NY T		2218	W64AD-64 FL 164
	1415	YSR-2 ES T		1241	WPSX-3 PA 856	20 Es	1745	Unided 2-4
		YSR-4 ES T		2159	KFDX-3 TX 1078		2330	Poss. CCI 2-4
		"15 Hz CCI to		2225	KDFW-4 TX 967	23	1030	CCI 2-4
		WESH, dubbed			KPRC-2 TX 857		1120	WAPA-4 PR T
		western"		2233	KWAB-4 TX 1221		1920	WKAQ-2 PR 1184
	1441	TGV-3 Guat T			KACB-3 TX 1147			WIFM-3 PR 1156
	2250	KQTV-2 MO 1089	16	0720	Noted-no time			WAPA-4 PR 1184
		KMTV-3 NE 1209		1620	" " "			WORA-5 PR 1161
		KSNE-4 NE 1232	17 Tr	0740	Panama City V's		1954	MUF 96.9
		KHAS-5 NE T			WFSU-11 FL 230	24 Tr	0720	WMBB-13 FL 263
	2302	MUF 90.5			Unided 2 to SE,			WREL-3 GA 329
Tr	2355	Panama City V's			brief-prob. WKAQ		0735	WGOV-20 AL 392
9 Es	0738	-0800+ various	Tr	2230	WEAR-3 FL 401			WDHN-18 AL 301
		Midwest unideds			Panama City V's		0745	WALB-10 GA 244
		(much Me this morn.			WKRK-5 AL 417		0755	WACS-25 GA 302
		confusing things)			WFSU-11 FL 230			WDGO-15 GA 294
Tr	0805	WBMG-42 AL 469			WGNO-26 LA 534		0758	WCWB-41 GA 318
		WYBA-38 GA 341		2250	WYES-12 LA 525		0850	WJSP-28 GA 357
Es	0814	KQTV-2 MO 1089			WLOX-13 MS 488	Es	0906	CCI 2
	0820	WDAF-4 MO 1048			WMAH-19 MS 479		0920	XEFB-3 NL 1185
		KOMO-5 MO 1048		2300	WWL-4 LA 533			KGET-4 TX 1023
	0930	MUF 94.7 MHz		2315	WETQ-42 AL 417		0933	KRGV-5 TX 1020
10	0900	KJAC-4 TX 767		2320	WVUE-8 LA 525		0951	XHRIO-2 TAMS 995
		KXAS-5 TX 967			WALA-10 AL 415			(correct calls as
	0909	KWAB-4 TX 1221		18	0000	WRBT-33 LA 603		per ID on 3/4 CB,
		0912 MUF 93.1			WDHN-18 AL 301			not XHCR as per
	0928	KMOL-4 TX 1025		0035	WLPB-27 LA 603			Stn. Guide)
Tr	2225	WEBA-14 SC 320		0120	WAFB-9 LA 603		1025	XHAE-5 COAH 1215
		WJWJ-16 SC 290		0230	WTVY-4 AL 299			Saltillo
		WRJA-27 SC 373		0710	Brief check-		1455	HISD-4 DR 1005
		WLTX-19 SC T			WRBT-33 snow			WAPA-4 PR 1184
11	0815	Charleston V's			free			WKAQ-2 PR 1184
		strong		0815	WRBT-33 LA 603		1500	WIFM-3 PR 1156
	0835	Panama City V's			WGNO-26 LA 534		1525	WYSR-3 NY 1036
12 Es	1000	Unided 3		0829	WMAH-19 MS 479		1530	KYW-3 PA 868
		1650 CCI 2-4			WRJA-27 SC 373		1535	WRC-4 DC 760
	1843	WKAQ-2 PR 1184			WACS-25 GA 302		1545	WMAR-2 MD T
		WIFM-3 PR 1156			WLTX-19 SC 392		1602	WTVH-5 NY 1036
		WAPA-4 PR 1184			WDGO-15 GA 294		1615	WPSX-3 PA T
	1852	WORA-5 PR 1161			WPTF-28 NC 523		1630	WTAE-4 PA T
13	1840	CCI 2-3		0830	WETV-30 GA 403		1630	WDIV-4 MI 968
	1900	WFRV-5 WI 1133			WNSC-30 SC 433		1645	WNEM-5 MI 1041

John F. Combs Continued

JUNE		At Gainesville, FL								
24	Es 1654	NEWS-5 OH 918 Cleveland	29	Es 1500	CBOT-4 ON 1120 "and several unideds"					
	1707	MUF 94.7	2030	KTVO-3 MO 935	0835 WCOB-41 GA 318					
	1712	WOMH-4 OH 797		KQTV-2 MO T	0844 WATV-26 SC 337					
	1728	KTVY-4 OK 1059	2053	KTVI-2 MO T	0845 WCEB-20 GA 329					
	1730	WJMM-3 MI 1253	2100	WDAF-4 MO 945	0858 WIS-10 SC 387					
	1735	Unided TX		"MUF at least 94.9 MHz"	4 Es 2100-2130+ various unideds to TX area.					
	1751	WBEM-2 IL T	Tr 2300	WCIV-4 SC 260	Tr 2140	WLTX-19 SC 392				
	1756	WFSB-3 CT 1034		WITV-7 SC 260		WJWJ-16 SC 290				
	1800	WNBC-4 NY 942		WVAN-9 GA 180		WRJA-27 SC 373				
	1803	WNEW-5 NY T		"above 3 on CATV"		WRLK-35 SC 385				
	1810	WIVB-4 NY 986		WEBA-14 SC 250		WJPM-33 SC 408				
	1821	KDKA-2 PA 829		WJWJ-16 SC 220		WUNJ-39 NC 440				
	1825	WTAE-4 PA 815	30	Es 1750	t/in, CCI 2-4	2145	WITV-7 NC T			
	1830-1930+	MUF 107.9		1810	WFSX-3 PA 780	2155	WOLO-25 SC 380			
	1944	WSAU-7 WI T		1835	WGR-2 NY 930	2220	WEBA-14 SC 320			
	1957	WLS-7 IL T		WBEM-4 NY T		2230	"Had to quit"			
		Ø offset to WJCT in and out over next 30-40 min.	Tr 2150	WEBA-14 SC 250	5	0905	Panama City V's			
25	0045	CKVR-3 ON 1096		WEVU-26 FL 250	Es	1845	KARD-3 KA 1129			
	0055	CKSO-5 ON 1252		2200	WXLT-40 FL 160	1920	KSNB-4 NE T			
	0114	CKCO2-2 ON T		2320	WUNJ-39 NC 410	8	1017	Unided 3		
	0125	CKSO1-3 ON 1250		WUNK-25 NC 510	10	0820	Unided 3, CBS, TX ?			
		Elliot Lake	JULY			1745	KYTV-3 MO 896			
		(Auroral type hash and loss of horz. sync during fades on this opening-could be Au-induced Es make it this far South ?)	1	Tr 0035	WCSC-5 SC T	1800	WFSB-3 CT 1034			
	0835	Unided 3/4 CB 4		0040	WECT-6 NC 410	2Es?	1814	CHEJ-4 NB 1582		
	0920	Unided 3, 3/4 CB, full CB		0045	WCTI-12 NC T			St. John		
	0922	CKCO2-2 ON T		Es 1020	WCAX-3 VT 1195			"Local ad confirmed with Directory assistance, province #3."		
		WSYR-3 NY 1036		1059	WGR-2 NY 930	1815	Unided 4 FF			
	0926	MUF 93.1		1107	WSYR-3 NY 960	1816	WTMJ-4 WI 1069			
	0955	WNBC-4 NY 942		2215	T/in, unideds to TX until 2250	1836	WCAX-3 VT 1202			
		WCBS-2 NY T			MUF at least to 88.1 MHz.	1850	WLBE-2 ME T			
	1010	WTVH-5 NY 1036	2	1230-1330	Noted mobile on car FM to KS, MO; MUF at least 94.9 Mhz.	1854	WNBC-4 NY 942			
	1126	WTSC-3 WI 1099				1856	WNEW-5 NY 942			
	1229	WBEM-2 IL T				1900	WSYR-3 NY 1036			
	1258	KTVO-3 MO 1039				1956	MUF 94.3 MHz			
		WCIA-3 IL 951				2000	WTVH-5 NY 1036			
		KIMT-3 IA 1269				20845	Unided 3, CCI 2			
	1303	KSD-5 MO 864				13	1330	T/in unideds 2-4, no time		
	1312	WOC-6 IA T				15	1700	XEFB-3 NL 1185		
	1314	KMOX-4 MO 864					1710	XHRIO-2 TAMS 995		
	1318	WSIL-3 IL T					1720	KGFT-4 TX 1023		
	1324	MUF 94.7 MHz					1730	KRCV-5 TX 1020		
	1325	KTVI-2 MO 864					1759	KTWY-4 OK 1059		
	1332	KSNB-4 NE T					1770	KMTV-3 NE 1209		
	1341	KCMO-5 MO 1048					1823	WFSX-3 PA 856		
	1346	WDAF-4 MO 1048						WHSV-3 VA 719		
	1354	KQTV-2 MO 1089						Harrisonburg		
	1357	KYTV-3 MO 896						1849	WTAE-4 PA T	
		"CCI 2,3 cont. through the aft., no IDs."						1853	WKYC-3 OH 887	
26	1020	CCI noted on 2,3						1856	WEMS-5 OH 918	
	1845	CCI noted on 2-4						1922	MUF 99.1 MHz	
	1345	CCI 2,3.						1938	WHBF-4 IL 1019	
		(on the above three, John reports he was too busy to ID, ed)						2015	MUF 99.1 MHz	
28								2058	WITV-4 IN 799	
								2128	KFDX-3 TX 1078	
									KAUZ-6 TX 1087	
									Wchita Falls	
									2235	KPRC-2 TX 857
										KAMR-4 TX 1301



John F. Combs Continued

that Venezuelans scan 625 lines, as they did in the 50's. Does anyone know for sure? Venezuela seen once before; July 10, 1974, on channel 3 that time, for about 14 minutes. Log at 318 stations. Good DX and 73s.

<u>Gray L. Fulk 1533 Forest Drive Mount Airy, NC 27030</u>		(EST/EDT)
November 1978	12 Tr 1323 WRC-4 DC 265	22 Es 2001 Unided 5 SS, // to unided on 3
7 Tr 0930 WNEC-30 SC 125	20 Es 1200 KDUH-4 NE 1210	
Rock Hill	22 1553 Unided Cuba ?	2100 <del>KCEN-6</del> TX 1023
0949 WJBF-6 SC 235	CB	Temple
<u>DECEMBER</u>	1928 KFDX-3 TX 1070	Tr WATE-6 TN 190
3 0115 WRDW-12 SC 235	1930 KETS-2 AR 697	Knoxville
0200 WCTI-12 NC 230	Little Rock	Es 2200 KBTX-3 TX 1020
<u>MAY 1979</u>	1950 Unided 3 "EE	25 1543 Unided 3 PBS
6 1540 WWAY-3 NC 230	cartoons W/SS	1715 Unided 3 SS
1545 WBCT-6 NC 230	audio"	movie
11 Es 1744 Unided 3 poss.	1955 KTBS-3 LA 837	"This is my first report to
a Cuban, CB W/	Shreveport	WTFDA; hope everyting is
SS audio.	2000 Unided 3 SS	satisfactory. Expect to add a

Winegard pre-amp to present Winegard antenna, maybe tropo on UHF will improve. Tnx, 73.

Glenn Hauser University Radio WUCT Knoxville, TN 37916 (CST)  
 "Times are in CST (GMT -6) since TVDX is subject to diurnal propagation patterns, and Knoxville would be in the CST zone if accurate timezone boundaries hadn't been tampered with! Antenna: Channel Master Color Crossfire model 3617, roof mounted with rotor. Receivers (4) from newest to oldest: Zenith K1924W, 1978; Sharp B&W JK-43 (1975), 11" diagonal; RCA color 14" c, 1971; RCA B&W New Vista 19" 1961-- each of which has its own advantages (and disadvantages) as to stability, sensitivity, overload rejection, adjacent channel rejection, etc. This location, in east Knoxville, is much less favorable for TVDX than my previous one south of Knoxville, as it is closer to locals and not on a hill.

British and French TV audio on 41 MHz were logged numerous times on radio equipment last winter and reported along with SW DX; the last date being 13/2. I am looking forward to an even better season this coming Oct.-Feb.

In late March I visited the Dominican Republic, logged and visited some of the locals, but no DX, really. Also was in Europe late in May and early June and had a chance to observe PAL color, and German TV as received in Holland. One thing that struck me almost literally was a quite obvious flicker, caused by the 25 Hz picture frequency over there compared to the 30 Hz picture we are used to. This was particularly noticeable in peripheral vision. I assume the European are accustomed to the 25 Hz rate and do not notice the flicker.

Due to my heavy involvement in SW matters, I have not been assiduously logging every sign of Es on TV, as I used to. Back in Knoxville, the first of the season was noted 8 May at 1825, with a French station from the NE with ice hockey, and ads in FR, probably CJBR Rimouski (If I give some outdated call signs, please understand that I have not really been active in TVDX for several years).

I really started to pay more attention to Es as of 29 June, when at 1759 CKRN IDed on 4 in French, had a game show, and an ad mentioning Rouanda, referring not to the Central African country, but as a combined Rouyn plus Noranda, its cities of license! There was also French on 3 at 1803-1815 f/out, and by 1859 skip was in from another direction, CCI (co-channel interference) on 2 and 3, and a New Orleans ID on 4.

On 30 June at 0959, KPRY-4 also IDed as Pierre Television; and at 1002 on Ch. 3, KDLO and other stations of its net supered ID. At 2135 on 3, I had CBC news in English from the NE, perhaps CBHT. At 2136, NBC CGI on semi local WSJK-2, followed at 2206 by WLBE ID (Maine). Back at 2153 on 3, there was an ad (in English) mentioning Place Bonaventure. Where is this?

1 July. Nice to get some Mexicans again-- quite a lot rarer here than they were in OK and TX and NM. At 0933, XHY-3 ran an animated ID, and as the opening ended around 1100 the only station was a 3 with color drama on film in Spanish; the audio modulation was obviously higher than the current U.S. standard. At 0938 another 3 had the ABC pgm Animals3, but not the same one as on local WTVK-26 an hour earlier; likely KIII Corpus Christi. At 0946 on 4 an old movie was playing, and at 0951 ad for Bexar County National Bank, giving it away as San Antonio, confirmed at 0955 by KMOL ID on Texas map, followed by my ex-congressman Henry B. Gonzalez with taxpayer-funded "Washington Wire" talk, also deaf hand interpreter in UL (upper left). Also at 0955, CCI on 4 from ads in Spanish, and at 0959 ending pgm in Spanish, ad in English; 1959 KMOL ID, 1959 Spanish audio CCI; 2059 San Benito Ad on 4, a town near to KGHT; 2100 local nx anchored by substitute Roy Martinez, CBS inserts.

2 July. 1600, Minneapolis news on 4 (WOCO). Frency 1601 on 3 (likely CBWFT); 1617 in Dinah, ad/promo showing KDAL call (since changed to KDLH).



Glen Hauser continued

7 July. At 1424, WJMN-3 with video ID, whilst audio ID said TV 5-- referring to its parent stn in Green Bay, during NBC baseball; 1436 on 4, shop canadian PSA during water ballet program, probably Thunder Bay.

10 July. Lots of Cubans, all on Ch.6 network. 1800 on 3, commie oriented news of Nicaragua, 1810 Canal 6 ID in passing; 1812 caster in front of Caribbean map; took several slides around this time. 1819 documentary on Mongolia, 1820 caster with 6 logo UR, 1825 said next news would be at 10:27; 1826 Cumbre 6 slide, 1828 juegos Panamericanos slide, 1829 promo Tele Cime at 10:30, a color film from Poland. 1829 TVC logo, 1830 pgm visiting and interviewing a big shot at Praela (the Cuban news agency), after 1840 in and out, mostly gone by 1855. All that was on ch. 3. On Ch.4, at 1800 // to 3, caster has orange-peel world map projection behind him to UR; lots of different maps and graphics during cast. Oh, first I thought 3 was in color, but it was in black and white, when the signal faded, color level came up, due to QRM or snow. On Ch. 2 (more local QRM than 3 or 4) Cuba // detected at 1810, with PanAm games coverage. Also during opening had some likely Floridians, 1815 color. female singing in English on ch. 4, at 1818 on 2, offset 10 kHz to WSJK, documentary on MacArthur. And at 1936 somebody on 3 with Flying Nun dubbed in Spanish.

11 July. At 1915, ABC CCI on 2, seemed best at SW bearing; 1929 another station with KNOP ID on 2; this made it through the local easily on rabbit ears.

15 July. I still haven't put up my UHF dish, but conditions this day at least made me get it out of the box and unfold it. At 1800 WSVN-47 and WTCI-45 were in, reminding me that I don't have to be tied to WSJK-2 which often bypasses some of the best from PBS ! This on set mounted loops. At 2030, Es from the west, CBS; 2059 KMOL ID, also on 4, but NBC. CCI on 2 and 3, but too much local QRM.

24 July. Some rare insomnia got me up pre-the-local sign-ons for some mild tropo or extended ground wave from stns I hadn't seen much if at all, or as well before here. 0330 WLWD with OH stuff, and a 4 from same direction. A 6 from the direction of Birmingham with a christian interview show. At 0338, WTVF-5 Nashville on with ID slide and tone, large 5, and below it call and city; yellow/orange lettering on blue background. At 0340, a 3/4 CB TP with TT from same direction as WTVF, likely WSM-4, 0342, WSB-2 with tone, full CB TP, supering ID logo and digital clock below it. Local WBIR-10 came on at 0342; and WATE-6 on at 0345 with ID, then 3/4 CB, TT. At 0350 WDEF-12 Chattanooga signed on with STL slide KI021. At 0351, WFBC-4 was running a Good Morning slide with tone. At 0400 Hargis from the WSW same offset as WLOS-13 which had 3/4 CB and mx; at 0408 ID from it was WAPI.

That evening it was Es. At 1720 on 3, WI map, assumed WISC. 1725 on 2, Chicago-area weather map, so WBEM. Something on 4 too at 1725, and at 1727 running a streamer, "Tornado Warning in Kent County" (which exist in DE, MD, MI, TX). At 1727, on 3, ending scene 3 News, and a local promo by Bob Schieffer; 1729 pgm summary from KDLH-TV Duluth, then Bob Newhart. At 1730 on 4, after NBC promo, Gong Show, and College Bowl promos. At 1733 Muppet Show on 3, Andy Griffith on 4. At 1758, CKSO on ch. 3, giving a joint visual ID with another station I couldn't catch before it vanished. CKSO on ch. 3 would be Elliot Lake, Ontario.

28 July. At 0828, a film feature on 3 about Halifax, I would think from Halifax. At 0832, on 4, 3/4 CB and tone. 0841 on 4, CBC Winnipeg TP, so I guess the Lac du Bonnet satellite, still running past 0900. At 0855 on 2, U/local, CATV type letter wipe saying counselors available and giving Toronto/Hull telephone numbers.

29 July. At 0959 t/in, skip in on 4, caught KDUH ID, mentioning Alliance and some other places. Some ø offset CGI to WSJK-2. At 1045, Minneapolis Police badge, and officer introducing advice on DWI; MUF poked up to 91.1 briefly at 1052 and probably to 93.7, 94.5. WCCO continued with local news, weather and sports 1100-1130, this on Sunday. At 1057 on 3 a film in French on cathedrals was ending, and 1059 CWFT ID Winnipeg. 1129 on 3, after NBC Meet the Press, KOTA call on record offer, and program preview; 1130 Dakota East and West (funny, I always thought they were North and South...). 1146 South Dakota Public Television, wedge TP so labeled in four quadrants overrode on rabbit ears WSJK-2; 1159, KGPE-2 ID. A bit of Es in and out for following hour, especially on open channel 3, but no IDs.

Regarding the local situation, in Knoxville. WATE-6 is all set to switch from NBC to ABC, but hadn't yet as of 29 July. Despite press speculation that WBIR-10, which has been CBS, might get NBC in a 3-way swap, current ABC affil. WTVK-26 has been seen running NBC promos, so I assume WBIR-10 will stick with CBS. WATE and WTVK must be pulling their hair out, having to run all those fall promos for each others' network-to be ! WBIR-10 is building a new higher tower on Sharp's Ridge (in Knoxville where the other stations are) to replace its tower on a mountain some distance away. Several months ago, their ch. 43 kilowatt translator on Sharp's Ridge disappeared. Hardly anybody in Knoxville knew about it as WBIR never publicized it; but in fact it provided a cleaner signal here than the main XMTR on 10 !

Jeff Kadet, W3CFH P.O. Box 90 Rockville, MD 20850 (EDT)

Zenith LO92Y 9" AC/DC, Sears Local-Suburban log periodic, 4 bay bowtie.

"For this first time in my life I've had the opportunity to DX from a location with no low banders, and especially no locals on chs. 4 & 5, having lived in either Boston or D.C. Saw this Es from downtown Cumberland, Md, about midway between D.C. and Pittsburgh.

JUNE		24 Es		29 Es	
7 Es	2000 KPRC-2 TX	2300	KFDX-3 TX	1630	KSD-5 MO
12	2000 WPBT-2 FL	2313	KTEW-2 OK	1730	Unided 5 SD
	2020 Cuba-4	2315	KYTV-3 MO	1751	Unided SD-6, spot
	2030 Unided SS 3,	2321	KCKT-2 KA		for Moorehead State
	looked like OLP	1030	KYTV-3 MO		University
	on screen, got		KLNE-3 NE	1821	KMTV-3 NE
	photo and will	1036	KNOP-2 NE	1830	KUSD-2 SD
	check it.	1054	KQTV-2 MO	1847	Unided 2, vertical
	2047 Unided SS 2	1129	KARD-3 KA		bar TP, S/on 1900
13	1930 WLET-3 MS	2201	KTEW-2 OK	1930	KPRC-2 TX
	2000 KTBS-3 LA	2025	KETS-2 AR	2100	KRGV-5 TX
	KETS-2 AR	2046	KTBS-3 LA	2133	WOWT-6 NE T
	2016 WBRZ-2 LA	2100	KTAL-6 LA	2157	Unided ABC 4
	2031 KBTX-3 TX		WAEG-6 MS	2300	KCKT-2 KA
	2118 KATC-3 LA	2200	KGFE-2 ND	30	1630 WPBT-2 FL
15	1827 KHAS-5 TX	2230	WDAY-6 ND		1653 Unided 3 FF
	1901 KFDX-3 TX	2231	KXJB-4 ND		1800 WEDU-3 FL
23	2000 Cuba-3	2320	KMTV-3 NE	<u>Back at home</u>	
24	1947 KOCO-5 OK	2330	KLNE-3 NE	<u>May</u>	
	2000 KOTV-6 OK	1003	KNOP-2 NE	28 Tr	WNJT-52 NJ 135
	2027 KALB-5 LA	1030	KLNE-3 NE		WGCB-49 150
	2028 KATC-3 LA	1050	KQTV-2 MO		WXTV-41 NJ 177
	2100 KCMO-5 MO	1105	KATC-3 LA		WVIA-44 PA 163
	2109 WDAF-4 MO	1130	WBRZ-2 LA		WNJB-58 NJ 155
		1600	KTBS-3 LA		WNJS-23 NJ 155
					WNJM-50 NJ 155
				30	WPTF-28 NC 215

"Have also taken some trips into the mountains in my car with the Zenith and have had some great fun. Best catch was WAKR-23 (177) 22 mi. east of Cumberland.

John Barber Jr. Box 65 Carolina, RI 02812 (EST/EDT)

March		10 Es		2 Tr	
16 Es	1900 MUF 6, CGI 2-5	1730	WEDU-3 FL	2130	WHRO-15 VA
	direction NW	1800	WESH-2 FL		WYAH-27 VA
18	1200 MUF 2	1905	WBRZ-2 LA	2334	WITN-7 NC
21 Tr	1200 NH 9 & 11	1907	Unided 3 CBS		WBOC-16 MD
22	1900 WYAH-27 VA		Unided 3 NBC		WNEP-16 PA
	WHRO-15 VA	2100	WRBL-3 GA		Philly U's
	WBOC-16 MD	11	0100 WBRZ-2 LA		WDCA-20 DC
	WBRZ-28 PA	Tr	2147 WTVB-4 NY	3	1800 WCTI-12 NC
	1901 WCMC-40 NJ	2148	WMAL-2 MD		WBWT-12 VA
	WVIA-44 PA	2300	WKTV-2 NY		WHYY-12 PA
	WBFF-45 MD		WMHT-17 NY		WAVY-10 VA
	WDCA-20 PA	12	0702 WKTV-2 NY	1830	WITN-7 NC
	WPHL-17 PA		WITF-33 PA		WTVR-6 VA T
	1902 WETA-26 DC	Es	0941 Unided 3 ABC		WHRO-15 VA
	WTAF-29 PA		Unided 2 PBS		WBOC-16 MD
	WKBS-48 PA	19	1030 KMOX-4 MO		KYW-3 PA
23	0908 NY V's & U's		WMT-2 IA		WCVB-23 VA
			1100 WHBF-4 IL		WXEK-8 VA
			1105 WDAF-4 MO		WPVI-6 PA
<u>April</u>			1109 KTCA-2 MN	2300	WCAU-10 PA
3 Tr	2000 Philly V's & U's		1200 KTVI-2 MO		WNCT-9 NC
20 Tr	1900 WHRO-15 VA		1300 KUSD-2 SD		WTVD-11 NC
	WVEC-13 VA	22	1900 KALB-5 LA		WJZ-13 MD
	WYAH-27 VA		WMAB-2 MS	4	0100 WCTI-12 NC
22	0600 All NYC		KATC-3 LA	5 Es	1900 CMKJ-3 Cuba
	0709 WDCA-20 DC		WCBT-4 MS		WPBT-2 FL
25	0900 All NYC		1337 WSJK-2 TN		CMH-5 Cuba
28	1030 WKTV-2 NY	23	1400 Unided 4, NBC		1930 WDBO-6 FL
<u>May</u>			1700 Unided 2, PBS		2000 WJXT-4 FL
2	0115 NYC		2000 Cuba-2	7 Tr	1700 WYAH-27 VA
	0326 WCTI-12 NC		WPBT-2 FL		Phillys
	0402 WVEC-13 VA	30			"Equipment: an 8' parabolic dish
	0533 WYAH-27 VA		<u>June</u>		and Channel Master 0071 preamp-
	0552 WCAU-10 PA	2 Es	2000 Cuba-2		Quantam 1110 VHF with modified
10 Es	1700 WTHS-2 FL		WPBT-2 FL		Blonder-Tongue 7 transistor
	1730 WPBT-2 FL	Tr	2010 WVEC-13 VA		

John Barber Jr. continued  
amp. CDE rotor- 100' Rohan tower, 0062 all channel amp, Andrea 25" color TV, 58  
confirmations, log total 269.

Scott Levitt		3132 Woodland Ave. South Plainfield, NJ 07080		(201)-751-4351 (EDT)	
<u>MAY</u>					
22	Es	1200	WEDU-3 FL 981	5 Tr 0700	W41AB-41 VA 261
			WESH-2 FL 869		Madison
		1730	WBRZ-2 LA 1170	1900	WGSB-49 PA 130
		1744	KATC-3 LA 1215		Red Lion
		1800	KALB-5 LA 1202	6,7,8	Evening, Boston,
			Alexandria		Hartford, Salisbury,
		2100	WABG-6 MS 994		Harrisburg, York U's
30		2000	WTVY-4 AL 891	10	2322
		2030	WCTV-6 GA 830		WQTV-68 MA 216
		2300	WEDU-3 FL 981		Boston
					Other Boston U's
					Snow Free
				14 Es	0900
					WTHS/WPBT-2 FL
				16 Tr	0555
					WVEC-13 VA 270
					0557
					WAVY-10 VA 280
					0603
					WCTI-12 NC 405
					0608
					WYAH-27 VA 280
					0622
					WTVY-11 NC 400
					0624
					WVBT-12 VA 261
					0650
					WVXK-8 VA 261
					0700
					WVIR-29 VA 300
					0705
					WSET-13 VA 338
					Lynchburg
					0719
					WHRD-15 VA 290
					0725
					WPTF-28 NC 400
					0726
					WCVB-23 VA 261
					0800
					WVPT-51 VA 301
					W41AB-41 VA 261
					2330
					WVXK-8 VA 261
					W51AC-51 PA 110
					W72AS-72 PA 126
					Harrisburg
				17	0030
					W72AS-72 PA 126
					Harrisburg

July  
1 Es 0003 WRBG-3 TN 927  
2 1730 KYTV-3 MO 1035  
1830 KBTX-3 TX  
Bryan  
1910 KGLO-3 IA 981

am currently using a Finco 5 foot dish for UHF, and an Archer V-185 for VHF. The antennas, however, are not on the roof, but of the floor of my garage. The dish was in my bedroom, and I wanted to put the VHF antenna there as well, but it would not fit. I started using the V-185 on June 28, and there hasn't been any really good tropo since. The dish was used over the entire reporting period. Do I have the calls of Lynchburg 13 right? (According to my records you do, but the call letters of Mason City, IA that you listed twice should be KIMT, not KGLO, ed). The second letter looked strange on their test pattern.

Jim Alexander		4 Brook Court Parsippany, NJ 07054		(EDT)	
<u>MAY</u>					
18	Es	1100	KMTV-3 NE	30 Es	2030
		1130	KDLO-3 SD		WCTV-6 GA
		1300	WISC-3 WI	<u>JUNE</u>	
22		1830	WLBT-3 MS	2 Tr	2130
		1900	WABG-6 MS		WUNK-25 NC 390
		1945	WKRG-5 AL		2200
		"video clear O/ local WNEW			WITN-7 NC 420
					"audio O/WABC"
					2400
					WCTI-12 NC 420
					New Bern
				3	0046
					WVCT-9 NC 390
					Greenville
					"audio O/WOR-9"

late May, W/June type openings on 5/22 & 5/28, but since June began the skip has been well below what is expected for the time of the year. The June 2/3 tropo opening brought some long-awaited costal NC highbands in W/strong signals, and was a most enjoyable opening. The loggings of WABG-6 MS, WCTV-6 FL, and even WAVY-10, were all made using the horizontal stack of FM antennas. Each time, the single 1114 produced only CCI, well under the strong Philadelphia locald!

Eric Fader		23-35 Bell Blvd. Bayside, NY 11360		(EST/EDT)	
<u>April</u>					
25	Tr	2035	WSBE-36 RI 140	25 Tr	2048
			WVLP-22 MA 110		WPRI-12 RI 140
			"like local"		WSMN-27 MA 140
					2050
					WVLI-56 MA 175
					WGBY-57 MA 110
					2110
					WHYN-40 MA 110
					WVLI-56 MA 175
					1930
					KATC-3 IA 1275
					1954
					KTBS-3 IA 1275
					2200
					KTAL-6 IA 1275

Eric Fader Continued

May  
30 Es 1905+ WEAR-3 FL 1250  
1920 WDSU-6 LA 1225  
2000 WRBL-3 GA 850  
2035-2200 WEDU-3 FL  
2100 WCTV-6 GA 1100

June  
13 Es 2105 KTES-3 LA  
24 1900-2130 unids 3,6  
29 Tr 2055 WEDN-53 CT  
2100 CT, MA U's  
30 0000 MA, RI U's,  
22, 36, 40,  
Bostons, etc.

30 Es 1200 KDLH-3 MN  
1200-1400 Unids 3

July  
3 Es 1930 WRFG-3 TN  
5 1800 Unids 2,3  
1900-2100 CBHT-3 MS  
1900 KDLH-3 MN  
10 1845-2030 WEDU-3 FL  
19 Tr 2333 WJAR-10 RI  
2335 WPRI-12 RI  
2345 W??61-61 CT 49  
2348 WTVU-52 CT  
2359 WHYY-12 PA  
20 Tr 2120 CT, RI U's

20 Tr 2120 MA U's, RI-10  
27 Es 1945-2040 Unids 3  
2008 WEDU-3 FL

August  
1 Tr 2315 RI's 10, 12, all  
Boston U's, CT/RI.  
2 Tr 0100 WNAC-7 MA  
"through local"  
Es 1908 WLBT-3 MS  
1942 WABC-6 MS  
\*Bqpt: Ancient Sylvania B&W,  
rabbit ears built-in. Lots of  
short Es, but lots of Unids  
too (but is 10 openings really  
lots?). 73-Eric."

Harry J. Hayes Star Route, Box 226c Gouldsboro, PA 16424 (EDT)

"Equipment: RCA B&amp;W 19" TVs and combo Ch. 2 &amp; 5 quad loop at both locations."

\* DX from Wilkes-Barre

June  
2 Es 1950 WPBT-2 FL  
2030 KETS-2 AR  
\*7 1912 KPRC-2 TX  
1920 WBRZ-2 LA  
9 2045 KCKT-2 KA  
\*12 1645 KPEW-2 OK  
1658 KTVY-4 OK  
Unided 5  
\*13 1917 KTEG-3 LA

\*13 2100 WMAB-2 MS  
\*15 1730 Unids 2-4,  
South  
1758 Unided SS-3, low  
volume SS sound,  
unlike Cuban  
23 1145 WMT-2 IA  
1300 WDAF-4 NC  
24 1430 WPBT-2 FL  
1500 CMKJ-3 Cuba

24 Es 1730 WBRZ-2 LA  
1748 KATC-3 LA  
\*28 1730 KETS-2 AR  
2200 KDLO-3 SD  
Unided 4, Skywarn 4  
sign in right corner  
of screen, (T WCCO)

29 1730 KETS-2 AR  
1800 WQWT-6 NE  
30 1100 WSB-2 GA

July  
1 1100 WESH-2 FL  
WEDU-3 FL  
1129 WBRZ-2 LA

Frank Wheeler 6589 Wattsburg Road Erie, PA 16509 (EDT)

May  
22 Es 1258 WTHS-2 FL 1098  
1300 WDIQ-2 AL 815  
1900 WTVY-4 AL 805  
1901 WRBL-3 GA 814  
1910 WWL-4 LA 1005  
2130 WEAR-3 FL 912  
2300 WPBT-2 FL 1098  
30 1900 WPBT-2 FL 1098  
1905 WEDU-3 FL 994

29 Es 1830 KDIX-2 LA 1169  
1859 KTW-2 WY 1322  
1901 KPRY-4 SD 1032  
2159 KNOP-2 NE 1066  
2259 KTEW-2 OK 943  
2300 KTVY-4 OK 1040  
30 1717 CBHT-3 MS 804  
1730 WPBT-2 FL 1098  
1829 WESH-2 FL 902

July  
2 Es 1429 KATC-3 LA 1056  
1430 WBRZ-2 LA 1020  
1532 KPRC-2 TX 1210  
1730 KTEW-2 OK 943  
1829 KLINE-3 NE 1016  
1900 KGFE-2 ND 917  
3 1020 WPBT-2 FL 1098  
5 2100 KETS-2 AR 825  
7 1029 KFDX-3 TX 1144  
1100 KTEW-2 OK 943  
1531 KTEG-3 LA 1005  
1558 KETS-2 AR 825

12 Es 1230 KPRC-2 TX 1210  
1300 KTEW-2 OK 943  
13 1730 KLINE-3 NE 1016  
1731 KWGN-2 CO 1292  
14 1200 WTHS-2 FL 1098  
1230 KDIX-2 ND 1169  
16 1200 WBRZ-2 LA 1020  
20 1630 KCKT-2 KA 1015  
1631 KARD-3 KA 953  
21 1700 WBRZ-2 LA 1020  
24 1830 KUSD-2 SD 851  
1930 KOET-3 OK T  
Bifala  
2100 WBRZ-2 LA 1020  
27 Tr 0730 WILX-10 MI 236  
28 Es 1035 KDIX-2 ND 1169  
1130 KOTA-3 SD 1169  
2159 KNOP-2 NE 1066  
2200 KGFE-2 ND 917  
29 1400 KGKT-2 KA 1015  
"Snakes in the transmitter box  
put WIGU TV 12 Erie off the air  
for about an hour, May 27."

Richard Eckman 2328 Griffith St. Philadelphia, PA 19152 (EDT)

May  
10 Es 1937 WBRZ-2 LA  
1957 WPBT-2 FL  
2000 WTVJ-4 FL T  
12 2054 Unided 2  
15 2130 Unided 2  
22 1721 WBRZ-2 LA  
WNL-4 LA T  
1737 KETS-2 AR  
1758 WCBI-4 MS  
1812 KALB-5 LA

22 Es 1815 KJAC-4 TX  
1830 WMAB-2 MS  
1844 KPRC-2 TX  
25 1730 ICR2-5 Cuba  
27 1557 Unided 2  
28 1630 KQTV-2 NO

June  
2 Tr 2158 WITN-7 NC  
2202 WJNK-25 NC  
Es 1946 WPBT-2 FL  
1959 ICR2-5 Cuba

2 Es 2005 ICR2-2 Cuba  
WTVJ-4 FL  
3 Tr 0641 WCTI-12 NC  
Es 2000 WBRZ-2 LA  
WNL-4 LA  
5 1930 WPBT-2 FL  
2100 WTVJ-4 FL  
7 1944 Unided 2  
9 2005 Unided 2  
10 1919 ICR2-4 Cuba  
WPBT-2 FL

Richard Eckman continued

June				July	
12 Es	1658 KQTV-2 MO	24 Es	1846 KDFW-4 TX	30 Es	1220 CBWCT-5 ON
	KCCT-2 KA		1858 WBAP-5 TX T		1259 CKPR-2 ON
	2003 WFBT-2 FL T		"vy messy situation through 2100 w/many stns, many unids"		1323 WOI-5 IA
	WTVJ-4 FL T				WMT-2 IA
	2023 ICR2-5 Cuba				WBAY-2 WI T
13	1855 KETS-2 AR				1400 KTCA-2 MN
	1857 KARK-4 AR		2120 KCCT-2 KA		1557 WPBT-2 FL
	1905 KDFW-4 TX		KARK-4 AR		WTVJ-4 FL T
15	1710 KQTV-2 MO T		2200 WWL-4 IA		WFTV-5 FL T
	1721 KUSD-2 SD		2308 KTEM-2 OK		1712 CJCB-4 NS
	1800 WBRZ-2 LA	25	2136 WBRZ-2 LA		CJCH-5 NS T
16 Tr	0831 WPTF-28 NC	28	2001 KARK-4 AR		CKCW-2 NB T
	0838 Unided 41 VA		2040 WESH-2 FL		1800 WTVY-4 AL
	"this was // to WVPT-51 which was later IDed. Can't find any reference to it- repeater?" (W41AB Culpeper, VA is likely, ed)		2200 WBRZ-2 LA		
	0840 WHAG-25 MD		KSNB-4 NE		
	0930 WVPT-51 VA Staunton		"many upper midwestern stns. in as well, though all not positively IDed, MN,SD,NE likely"		
	1112 WWPB-31 MD	29	1713 KARK-4 AR	1 Es	1106 WBRZ-2 IA
	1330 WYAH-27 VA "In all day"		1729 WBBM-2 IL T		1128 WWL-4 LA
			1736 WDAF-4 MO		1152 WKRK-5 AL
			1800 KTVI-2 MO		1300 WTVY-4 AL
			2002 WOI-5 IA T		2 1650 WBRZ-2 IA
			KTIV-4 IA T		3 2029 WBRZ-2 LA T
			WMT-2 IA T		5 1731 CJCB-4 NS
			"Unids 2,4,5"		CJCH-5 NS
23 Es	1124 KTCA-2 MN T		0956 WSB-2 GA		1744 CKCW-2 NB
	WCCO-4 MN T		1003 WRBL-3 GA T		Moncton
	1223 WMT-2 IA	30	1028 WAGA-5 GA Atlanta		CBIT-2 NS
	WBAY-2 WI T		1045 KETS-2 AR		1745 CFCI2-2 ON
	1844 ICR2-4 Cuba		1107 KARK-4 AR		Kearns
24	1328 ICR2-2 Cuba		KFSM-5 AR T		1800 CBFAT-5 FQ
	1353 WPBT-2 FL		1155 CHFD-4 ON		Chibougamau
	1507 WTVJ-4 FL T		WCCO-4 MN T		"after seeing the power listed in Stn Guide, I have my doubts as to the validity of this reception"
	1630 WBRZ-2 LA		"unids 2,4,5"		1810 CKPR-2 ON
	1815 ICR2-5 Cuba "in color"				1902 WCCO-4 MN
	1846 KETS-2 AR				KTCA-2 MN T
					1905 KSTP-5 MN
					1918 WBAY-2 WI
					1930 KDLH-3 MN
					Duluth
					2000 KTVI-4 IA
					7 0955 KCCT-2 KA
					1440 KETS-2 AR
					1450 WBRZ-2 IA
					1510 KARK-4 AR
					1555 KTCA-2 MN
					1700 KUSD-2 SD

"The Es season through May and most of June was absolutely dismal with very few openings noted here. However the last few days of June and the first few in July have exhibited some pretty decent openings including two to Atlantic Canada which was not received here at all back in 1978. Several new stns have been received by Es in the last few days."

Robert S. Ross VE3JFC Box 473, Stn. C London, ON (EDT)

June					
4	0115 CKGN-19 ON	12	0045 WJKW-8 OH	28	2330 WKJG-33 IN
	poss. XLTR ?	20	0300 WJRT-12 MI		2350 WJAN-17 OH
12	0027 CBLFT-68 ON	27	0100 WLIO-35 OH		2326 WQLN-54 PA
	0029 CBLFT-78 ON		0105 WEXI-25 MI		2330 W3EE-35 PA
	0030 WUAB-43 OH	28	2230 WBGU-57 OH		2349 WNED-45 OH
	0031 CKCO3-42 ON		2234 WFFT-55 IN		2350 WKBN-27 OH
	0032 CICO-28 ON		2250 WANE-15 IN	29	0001 W47AB-47 OH
	0033 WBS5-5 OH		2320 WPTA-21 IN		0006 CITY-79 ON

"No Es in this month's loggings but a few tropo openings here during June. Have some Es openings occurred today July 2 but will be in my next report. Present log total 86 stns heard. 39 stations verified. 73

Paul Gaines 15920 Puritan St. Detroit, MI 48227 (EDT)

May				June	
9	2251 Es KXAS-5 TX 1000	10 Es	2112 WUFT-5 FL 905	22 Es	2210 WEDU-3 FL 1000
10	2250 WPTV-5 FL 1110		2124 WEDU-3 FL 1000		
		18	1201 KARD-3 KA 810	1 Es	1020 KTXI-5 TX 1160





Donald B. Rutland Continued

work, family, and an intensified effort to improve my golf game (HI!), there has been little time for DX."

Walter W. Wesolowski 209 Glenview Elmhurst, IL 60126 (CST)

March	May	June
12 Tr 1406 WTTV-4 IN 170	11 Tr 2030 WMTV-15 WI 115	1 Es 1000-1400 MUF 6
20 0450 WILX-10 MI 180	2400 WHA-21 WI 115	5 1900-2000 MUF 4
<u>April</u>	15 2100 WQRF-39 IL 75	<u>July</u>
8 Es 2030 KIII-3 TX 1075	22 Es 1900 Unided FL	5 Es 1830 CHSJ-4 NB 1100
	2001 WEDU-3 FL	1840 WCAX-3 VT 750
	2050 WTVJ-4 FL 1200	13 Tr 2400 KDUB-40 IA 150
	2100 WCIX-6 FL 1200	

"As you can tell from Mailbox, I've had two address changes in one month. Attempted to return to old QTH in Wis., but didn't work out. Obviously, equip. has been in limbo during moves and report not quite as full as others. May 22 opening showed an unided on Ch.2 with the words "Picture Interference" superimposed over picture (?). As seen by Kramer's report, the June 1 Es was mighty nice, but unfortunately I was at work and couldn't DX. How aggravating, as I am a TV serviceman running home service calls !!!"

Marvin Shults R.R. #1 Toulon, IL 61483 (CDT)

June	14 Tr	25 Es
1 Es 0900 KMID-2 TX	1210 IPEN 21,27,32,36	1159 WEDU-3 FL
Unided 3+ NBC	1229 KETV-7 NE	1200 WESH-2 FL
0959 KNME-5 NM	1305 KSFY-13 SD	1230 ICR-3 Cuba
1259 KWGN-2 CO	1329 KTVH-12 KA	ICR-5 Cuba
1300 KEMA-6 CO	1400 KTEB-27 KA	1243 ICR-2 Cuba
1309 KREX-5 CO	2200 WTCN-11 MN	26 1738 XEPM-2 Chih T
1312 KOA-4 CO	17 0350 KCMO-5 MO	29 0730 WTHS-2 FL
1315 KTVS-3 CO	19 0757 WHAS-11 KY	0800 WPBT-2 FL
2258 KOAI-2 AZ	0758 WKY-32 KY	0830 WESH-2 FL
2301 XEPM-2 CHIH T	0800 WFIE-14 IN	0930 CBFT-2 FQ
2 1200 KUTV-2 UT	20 GW 0700 K38AB-38 IA	1145 KWGN-2 CO
8 1700 XHRIC-2 TAMS	Ft. Madison	1158 KUTV-2 UT
XEFB-3 NL	XLTR IPEN	1159 KSL-5 UT
1958 KENW-3 NM	0800 WAED-12 WI	1200 KTVX-4 UT
1959 KWAB-4 TX	21 Es 0045 X---2 SS	1230 KWGN-2 CO
2000 XEJ-5 Chih	1130 KTWO-2 WY	1258 KOAI-2 AZ
XEPM-2 Chih	KYCU-5 WY	1330 KPRC-2 TX
2007 KDBC-4 TX	1137 KWGN-2 CO	2058 WPBT-2 FL
2029 KAVE-6 NM	1224 KTVQ-2 MT	2059 WESH-2 FL
2130 KACB-3 TX	1259 KYUS-3 MT	30 0929 WCBS-2 NY
2151 KMID-2 TX	1300 KRTV-3 MT	WGBH-2 MA
2200 WBRZ-2 LA	1429 CKCK-2 SA	1058 CHSJ-4 NB
2217 KENS-5 TX	22 Tr 0859 KXON-5 SD	1100 CKCW-2 NE
2218 KNME-5 NM	23 Es 0959 WGBH-2 MA	1159 WLBE-2 MB
14 Tr 1200 KHNE-29 NE	24 Tr 0830 WCET-48 OH	1200 WABI-5 ME
1205 KLNE-10 NE	Detroit 50,62	1230 CJCH-5 NS T
1205 KGIN-11 NE	0859 WDHO-24 OH	1246 CHAU-5 FQ T
1208 WQWT-6 NE	WGTE-30 OH	1300 CJBRT-3 FQ
1210 KMEG-14 IA	0900 WUAB-43 OH	1345 CBFT-2 FQ
	25 Es 1149 WTHS-2 FL	

"For the benefit of fellow E-skip DXers, KTVO-3 Kirksville-Ottumwa has dropped their old station ID in favor of "Your Friend 3". WAND-17 Decatur is now on the air with 5 megawatts at 1314' from their XMTR site at Argenta, IL. I am now in the unenviable position of being able to receive 4 ch. 38's most of the time- Green Bay, Chicago, Terre Haute, and now Ft. Madison, IA. During the June 25 E-skip opening to Cuba, I was receiving the same SS musical movie from both ICR 5 Santa Clara and ICR 2 LaHabana. I believe that XHRIC is the correct call for Matamoros on 2. Their schedule for a Friday (June 8) was as follows: Ending at 1700 CDT English cartoons, 1700-1800 Bonanza, 1800-1830 ? 1830-1900 Hop-a-long Cassidy, 1900- ? TV 2 Movie. All of the above programs were in English. I have heard no Spanish on this station. 73's Marv.

Robert Kramer 3406 W. Pierce Chicago, IL 60651 (312)-235-5188 (CDT)

July	21 Tr	23 Tr
14 Tr 0118 WKEF-22 OH	0235 WSAU-7 WI 220	0508 WTVS-56 MI 220
0130 WLKY-32 KY	23 0441 WSPD-13 OH 220	0515 WHAS-11 KY
Ft. Waynes	WTOL-11 OH 220	0528 CKCO3-42 ON
"Snow Free"	WXYZ-7 MI 240	0530 WEYI-25 MI 220
Es 1930 WJXT-4 FL T	0452 WHIO-7 OH	WKBD-50 MI 240
16 2130 KID-3 ID	WDHO-24 OH 220	"Local Grade"
2139 KDUH-4 NE	WCPO-9 OH	0623 KYIN-24 IA 309
	0508 WXON-20 MI 240	0740 WHFM-20 WI 220

Robert Kramer continued

July							
23 Tr	0800	WGPR-62 MI 240	27 Tr	0112	WKBN-27 OH 347		
24 Es	2148	KENW-3 NM			Youngstown		
	2218	KFDX-3 TX		0500	WUAB-43 OH 293		
25 Tr	2244	WNMU-13 MI 335		0541	WFML-21 OH 347		
26	1800	Severe CCI on locals 5,7,11, 38			Youngstown		
	1830	WUCM-19 MI		0549	WGTU-29 MI		
	1905	W72AJ-72 MI 288		0630	CICO-52 OH 287		
		Escanaba			Chatham		
		XLTR WLUK-11		0640	WQLN-54 PA 398		
	1906	W76AI-76 MI 288			"Snow Free"		
		Escanaba		Es	2058	KIII-3 TX	
		XLTR WJUC-6			2100	KMOL-4 TX	
	2022	WDHO-24 OH 220			2146	KFDX-3 TX	
		WQLN-54 PA 398			2154	KENW-3 NM	
		Erle		29 Tr	0840	WIPB-49 IN	
	2025	WBGU-57 OH 200				"Snow Free"	
	2104	WGTU-29 MI		Es	1855	KOTA-3 SD	
	2349	W78AJ-78 WI 145		August			
		Sheboygan		2 Es	1846	KGBT-4 TX	
		XLTR WBAY-2			2024	KIII-3 TX	
27	0035	WLIO-35 OH 200		4 Tr	0120	WEAU-13 WI 288	
	0046	WUAB-43 OH 293			0205	WSAU-7 WI 220	
		Lorain				"Snow Free"	
				7 Es	1800	KIII-3 TX	
					Tr	2111	WSAU-7 WI 220
						"Wiping out local WIS"	

"I finally got to see what the new antennas could do starting in late July, when tropo began to pick up. The July 26-27 opening produced 8 new stations, plus photos and tape recordings. It also produced much improved signals over what I was able to get with the old set-up. Hopefully the tropo will be as good in late August as the early part of the month seems to indicate. Boy has the skip been weird this year. In the Chicago area, the peaks have been in May and August, usually the fringe periods. I just hope F2 will produce some good DX this fall, making up for the very poor season this summer. 73."

Larry Van Horn 7870 A Corsair Millington, TN 38053

(CDT)

(901)-872-7116

May						
23 Es	1100	CBFT-2 FQ	24 Es	1049	WUND-2 NC	
Tr	1427	KEYS-2 AR		1130	KCKT-2 KA	
Es	1740	Unided 2, record promotion to Mc- Allen, TX FO Box		1210	KPRY-4 SD	
	1750	Unided 2 NBC		1215	KXJB-4 ND	
	1941	Unided 2 CBS		2030	Unided, KT??-2 "NBA playoffs"	
24 Tr	0727	KTHV-11 AR		Tr	2150	WMAV-18 MS
	0820	WTWV-9 MS			2200	KTEJ-19 AR
				Es	2228	KWGN-2 CO

"All DX received on a Sears 7" portable with indoor 38" whip. I've been shooting pictures of all with my Canon FTb 35 mil. Hope they all come out. This being my first season I'm quite suprised with this primitive setup just what can be seen. I will be glad to get some outside antennas to improve reception and cut down Unideds. Gayle (my wife) in hospital with harmonic due any day now. 73's to all and here's hoping you all have the best of DX."

# STATION BREAK

WTFDA Headquarters  
Post Office Box 97  
Calumet City, IL 60409

WTFDA member ads only. 3 line or 30 word limit.

WANTED - Old TV GUIDES for personal collection. Jeff Kadet, P.O. Box 90, Rockville, MD 20850

WANTED - Tuneable 30-50 MHz receiver (no scanners). Would prefer rarer model covering 30-54 MHz! Write with description and price soon--getting desperate! John F. Combs, 2485 Ivan Ct., Orlando FL 32807.

Your non-commercial ad can appear in the VUD free of charge! Got a piece of gear you'd like to sell? Looking for something? Advertise in STATION BREAK.

# WESTERN TV-DX

September 1979

Fred McCormack  
Box 5221  
State University Sta.  
Fargo, ND 58105

Deadline: 5th

A rather uneventful month here and apparently elsewhere as evidenced by the lack of reports.

New \_\_\_\_\_ New Mode \_ \_ Tentative - t Unidentified - unid

Leo Boehl, 622 W. Koenig, Grand Island, NE 68801 CDT

Equipment: CM Quantum 1112 @ 35', GD AR22XL rotor, CM 0263 preamp, Jerrold MATV amp (15db), RCA Selectavision VCT-200, Sharp 19" color, (Zenith still down!)

<u>June 1979</u>	<u>July 1979</u>	<u>July 1979</u>
3 Es 0600*WJBK 2 MI 725	2 Es 1200 WRBL 3 GA 840	12 1720 MUF went up to
<u>July 1979</u>	1200*WEDU 3 FL 1135	ch. 3, but no ID's
1 tr good out to 250 mi.	3 Es 1857*KOTI 2 OR 1080	
KOAM thru KETV quite	10 tr 0145 WOI 5 IA	Loggings marked
well at 0000, none new	12 Es 1715 unid 2 Canada	with asterisk are on
2 Es 1145*WBRZ 2 LA 750	1720 WGR 2 NY 910	video tape.

Buck Battin, 4305 Pitt St., Duluth, MN 55804 CDT

Saw absolutely no tropo during July, but as Julys go, Es wasn't that bad, and I managed to log four new stations, bringing my Duluth log total to 256. That's only stations, by the way. I don't DX translators.

Today (Aug 1) was a day of celebrating because I just sold my first novel. (nice going, fm) If any of you out there like horror stories, it's entitled SATAN, HELP ME! and will be published in a few months by Major Books.

<u>July 1979</u>	20 Es 1157 WJXT 4 FL 1295	29 Es 0142 KUTV 2 UT 745
2 Es 1558 WCBI 4 MS 945	24 Es 1830 WESH 2 FL 1410	0145 <u>KSL</u> 5 UT 1080
1559 WMAB 2 MS 960	27 Es 1830 WDIQ 2 AL 1125	0200 KWGN 2 CO 820
7 Es 1225 WPMY 2 NC 1000	1832 WCBQ 2 SC 1180	0225 <u>KOTA</u> 3 SD 575
16 Es 0958 KARK 4 AR 840	29 Es 0051 KCPX 4 UT 1080	0230 <u>KID</u> 3 ID 1010
1000 KPRC 2 TX 1200	0134 <u>KYCU</u> 5 WY 745	

May the mother duct of them all find your antenna..... Buck

Fred McCormack, 909 12th St. N, Fargo, ND 58102 CDT

<u>July 1979</u>	<u>July 1979</u>	<u>July 1979</u>
14 tr 0742 <u>KQSD</u> 11 SD 189	24 Es (MUF 94.5 @ 2203)	29 Es 1029 WEAR 3(AL)1223
0800 <u>KMEG</u> 14 IA 301	25 Es 2235 unid 2 w	1225 WCBQ 2 SC 1312
0829 KYIN 24 IA 308	27 AE 0100 WSYR 3 NY 1044	(MUF 89.7 @ 1229)
Es 0929 WGR 2 NY 936	0125 unid 2 Canada	1600 WRAL 5 NC 1217
1028 WPSX 3 PA 992	Es 0930 KMID 2 TX 1061	WSAZ 3 WV 936
1039 unid 5 CBS	KENW 3 NM 965	(MUF 88.9 @ 1603)
1130 WMAR 2 MD 1137	(MUF 99.1 @ 1906 GA)	1627 WFMY 2 NC 1149
15 Es 2159 KOAI 2 AZ 1120	28 Es (MUF 107.7 @ 0908 OH)	1648 WGR 2 NY 936
2200 KTVK 3 AZ 1230	0943 WTTG 5 DC 1133	(MUF 104.7 @1914 AL)
(MUF 101.5 @ 2201)	(MUF 106.1 @ 0945 MD)	1927 WEAR 3(AL)1223
16 Es (MUF 104.7 @ 2134 TX)	1158 <u>CBFT</u> 2 PQ 1109	
19 Es 2243 unid 2 se	1928 <u>CJBRT</u> 3 PQ 1299	<u>August 1979</u>
20 tr 0913 <u>K57AS</u> 57 MN 114	1959 WKTV 2 NY 1095	3 Es 1000 KBTX 3 TX 1121
<u>K59AX</u> 59 MN 114	2032 WSYR 3 NY 1044	1029 KENW 3 NM 965
0939 <u>CBWCT</u> 5 ON 189	(MUF 104.3 @ 2043 NY)	1030 KENS 5 TX 1218
Es 1359 WPSX 3 PA 992	2131 WCBS 2 NY 1208	(MUF 93.1 @ 1040)
2217 unid 2 w	2329 WSJK 2 TN 1007	1248 KOAI 2 AZ 1120
24 Es 2030 WKTV 2 NY 1095	29 Es 0100 KWGN 2 CO 649	5 tr 1859 <u>KUSD</u> 2 SD 264
2054 WCBS 2 NY 1208	0100 unid 5 sw	2100 KYIN 24 IA 308
2054 WGR 2 NY 936	(MUF 98.5 @ 0104)	
2141 CFAC 2 AT 841	0158 KUTV 2 UT 878	

# VHF UTILITY DX

Pat Dyer  
5315 Silvertip Drive  
San Antonio, TX 78228  
Deadline: 5th of month

SEPTEMBER 1979

The following TV off-set information was supplied by Roger Bunney.

Ch I-A (Italy) (video\_erp):

53.742 Monte Nerone (34 kw)  
53.758 Monte Caccici (34 kw)  
53.758 Monte Cammarata (Sicily) (35 kw)

53.756 Gort, Eire (80 kw)  
(Ch B, video)  
48.244 Muro, Portugal (40 kw)  
(video)

BEC Ch B-2 video:

51.742 Rosemarkie (20 kw)  
North Hessory Tor (14 kw)  
Swingate (1.4 kw)  
51.750 Holme Moss (100 kw)  
51.758 Londonderry (1 kw)  
51.801 Oxford (0.7 kw)

Chinese (mainland) (vid/aud)  
C-1 49.75/56.25 C-5 85.25/91.75  
C-2 57.75/64.25 C-6 93.25/99.75  
C-3 65.75/72.25  
C-4 77.25/83.75

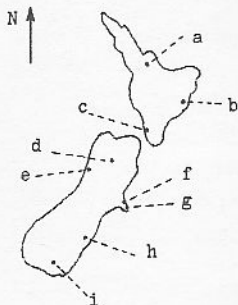
Ch E2 Gwelo, Rhodesia (20 kw)

Ch E3 Sokoto, Nigeria

Ch E3 Tenerife, Canary Is. (350 kw)

From the Broadcasting Corporation of New Zealand (as of Jan 1978)

locations of Ch 1 transmitters      audio frequencies (video 5½ MHz lower)  
(audio ERP is 10% of video given)      (antenna height m, site m.s.l.)



- a) 50.74 Te Aroha (100 kw) (126/944)
- b) 50.76 Whakapunake (5kw) (65/943)
- c) 50.75 Kaukau (100 kw) (122/425)
- d) 50.76 Mt.Murchison (2kw) (52/1471)
- e) 50.75 Punakaiki (½ w) (7/30)
- f) 50.74 Southshore (50 w) (28/1)
- g) 50.76 Mt.Pearce (40 w) (35/736)
- h) 50.74 Mt.Studholme (100w) (4/1088)
- i) 50.75 Hedgehope (100kw) (117/644)

x  
x  
x  
x  
x

x - translator

Mt.Studholme & Southshore are Net 2,  
the others are Net 1

Net 1 Trade Test Transmissions      Mon-Sat 2130-2315 z  
Sun nil

Programming      Mon-Thu 0000-1110  
Fri,Sat 0000-1200  
Sun 0000-1110





Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20015 GMT, QSLed only

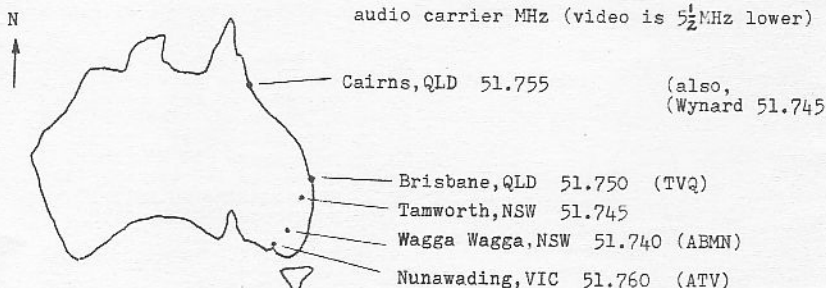
5-18: 1419 KSB230 42.50 Juliet, IL (state police, 300 watts)  
 KXT894 " Elwood, IL ( " " " )  
 6-14: 0111 KKA845 39.50 Oak Grove, LA (sheriff, 100 watts)  
 0112 KKT812 " Vivian, " (police, 100 w)  
 0118 KIL492 " Shreveport, " (sheriff, 250 w)  
 KKD654 " Farmerville, " ( " , 100 w)

-----  
 The following information is from the July issue of Amateur Radio Action  
 VHF News column (conducted by VK3OT)

Korean signals-

32.760 K.B.S. (Seoul)	46.10 R. Korea (overseas ser.)
43.30 K.B.S. (2nd channel)	46.30 HLKQ
44.90 HLKM	48.00 HLKA
45.30 HLKA	48.30 HLKN
45.50 R.Korea (overseas ser.)	49.30 HLKF (HNQX ?)
45.70 HLKB	

Australian Ch Ø's (or as they prefer, "Channel Oh")



et al.:

53.750 Malaysian TV audio

VHF FM links for MF stations in Japan (NB, Japan TV Ch 1 is at 90-96 MHz):

55.07 50w FM, 5 NHK links (including Abashiri)  
 55.73 100mw FM, NHK  
 50w F3, 200F9, NHK (Abashiri, et al.)  
 57.47 50w 200F3, 200F9, F3, (NHK (Miyako to Iwaizumi))  
 58.13 50w F3, NHK (Abashiri to Kitami)  
 60.2 50w F3, NHK (Fukushima)  
 60.29 50w F3, NHK (2 links, also Tokai Radio)  
 63.17 50w F3, 200F3, 200F9 (5 links) SBC (200F3 is a wide  
 63.29 50w F3, SBC ((stereo) band voice  
 63.83 50w F3, 10w F9, NHK (14 links) (200F9 is a wide  
 65.15 F3, 200F3, 200F9, NHK (10 links) (band telemetry  
 65.39 F3, 200F3, 200F9, SBC and SUT (14 links)  
 56.09 Radio Gifu, F3 50w  
 Radio RKK, Kimpozan, 50w F3  
 Wakayama-Makimiya, 150w F3 link

The column also contains, besides amateur radio DX on VHF, a good bit  
 of TV DX reports (F2/TE) - too much to summarize here.

-----  
 As mentioned in last month's column, I have had a 3-week visit to the  
 Brisbane area of Queensland in Australia. (Jul 11-Aug 2)

The remains of Skylab arrived well under 24 hours after I did. However, that was nearly 2000 miles to the west of Brisbane (though on the prior orbit it went nearly overhead). Got a lot of the mw nx taped on it. ---- The TV and FM aspects of what I was able to do will be sent to Ken Simon in the near future. But since the Ch O there does get easily noticed on 30-50 MHz receivers, I'll mention it here. Most of the time I was about 8 miles from the 100-kw transmitter. I did get to visit the site (a 200-meter "mountain" with about a 350-ft tower; several others in the vicinity). Dropping a QSL card for my April 6th (GMT) reception of them in TX is probably still causing comment there!

Ch O comes on with test card and music weekdays at 0615 AEST (GMT+10) with programming at 0700. Very early compared to the others. Saturday 0730/0800 and Sunday 0830/0910. Sign-off varies from 2350 to 0045. With a 45-52 MHz channel a good bit of spectrum is chewed up by the video products (seemed to be a peak near 50.7 area as well as 46.25).

In the rest of the low-VHF band not much was found. There are tone/voice pagers in the 40-MHz area. Checking a March 1970 newspaper file I was able to deduce that the 40.25 (apx) police I heard discussing a royal visit were in New Zealand. They've been noticed several times since.

Allied A-2586 with various short "long wires", Icom IC-502 with whip for 50-51 MHz. AEST used, all F2 mode unless noted \* Es

7-15: (about 100 km sse Brisbane)

1030 50.74/.75/.76 New Zealand (TV audio) \*

7-21: (in nw Brisbane)

0810 KUC915 35.22 San Antonio, TX (tone pager)

0838 KIN645 " Miami, FL " "

7-24: (in Miami, QLD apx 100 km sse Brisbane) (about 250 meters from beach)

0900 apx KIY508 35.22 Orlando, FL (tone pager)

7-27:

0745 lots of unID 35's with unID non-English to 39's

0814 KJU806 35.58 Oxnard, CA (tone pager)

many unID US mobile-phone systems

0849 KIY508

7-28:

1400 36 & 37 multiplex signals (likely US forces Pacific)

1410 hi-39 or low-40 Russian

1527 KLF527 35.22 Honolulu, HI (tone pager)

7-29:

0826 - 35.-- Los Angeles, CA (mobile phone)

7-31: (back in Brisbane)

0832 KOE257 35.22 Phoenix, AZ (tone pager)

1426 KLF527 tentative

on most days between 08 & 10 some sort of US activity could be noted on 35 MHz. However, by and large the simple nature of the 30-50 receiver taken and the various man-made noises (power lines and appliances; it is weird to know that the only power line between yourself and New Zealand is acting up) did prevent the more comprehensive monitoring survey that I had planned for from being successfully completed.

On the Jul 21 loggings, I first thought I had KEC915 (I didn't take my list!). Upon getting back here it looked like it might be KEC925. It was only when I re-played the tape a few times that it hit me...I got my first pager ID from here!

---

July solar flux avg 167 (smoothed 167 for Jan)...Swiss predictions may indicate the Cycle has peaked...mid-July 432-MHz tropo duct from CA to HI...late July 50-MHz report of FL to HI, Cook Island, and Samoa...s. CA Aug 7 01z 45.25 NZ TV video, and 23z again plus faint 46.25 Aust. ...early Aug Hawaii 50-MHz to the Marshalls and Solomons & 52 to VK4. ...due to power crisis NZ TV may not be on to 23z or so...FY7THF fsk beacon 50.096 into San Antonio Jul 8 2035z via 3Es (French Guyana).



# STATISTICS

Michael L. Moran  
 17016 Chippewa Avenue  
 Apartment 1  
 Burnham, Illinois 60633  
 Deadline: the 10th  
 Phone # 312860-4392

DXer, Locating	US	CA	DX	FC	TPU	VB	As of:
Bob Joybold, Dunkirk NY	48+	8	0	0	5	77	July 7
Bob McCormack, Leola MD	40+	7	0	1	10	74	May 7
William Erget, Neenah WI	40	6	1	1	51	75	May 6
Thomas Yindling, Baltimore MD	40+	7	0	4	31	76	April 27
Jim White, Waukesha WI	39+	7	0	0	50	74	April 23
Don Koland, Kenosha WI	40+	6	1	0	48	71	July 6
John Cosmos, Orlando FL	31+	2	0	2	47	72	July 7
Frank Wheeler, Erie PA	34+	9	0	1	45	55	July 6
Mike Reid, Willowdale ON	35+	7	0	0	43	77	May 6
B.W. Battin, Duluth MN	36	4	1	2	43	76	April 24
Fred McCormack, Fargo ND	37+	5	0	0	43	74	May 7
Robert Kramer, Chicago IL	33	6	2	0	41	73	July 10
Michael Scheel, Davenport IA	34	3	2	0	37	72	April 19
Michael Hollis, Ft. Campbell KY	29	1	2	3	35	78	April 22
William Mephurn, Niagara Falls ON	24	6	1	1	32	76	April 27
Ed Brindle, Pittsburgh PA	27	4	0	0	31	75	May 8
Michael Moran, Burnham IL	23	2	0	0	25	73	July 10
Dave MacCall, Fortville IN	22	1	0	1	24	74	July 6
Robert Goodman, Cicero IL	17	1	0	0	18	76	May 1
Robert Ross, London ON	?	?	0	0	11	77	April 24

Jim Fizzi, Groutt CA submitted Total Stations seen\*

As indicated in the previous column this listing of DXers is in the order of Total Political Units. Wherever there was a tie in the number of TPU's the tie was broken by the total number of stations seen submitted by the DXer.

I have decided not to list the distance records submitted by contributors as of yet, because of a small amount of response. The next column, which is scheduled in October of this year, ALL distance records will be published for all channels. Your deadline to be included in this special listing will be **September 10th**.

Thanks to all DXers who have contributed to this current listing. I would like a special thanks to go out to David Wilson. I received a simple formula from him for calculating distances by the use of geographic coordinates. You will no longer have to calculate your own distances. But I would appreciate if you could let me know your latitude and longitude coordinates, as I will now need them to accurately figure out distances.

Remember to support WFDK by contributing to the VUD!

73's Mike

**32 Alive**  
 WFLD-TV CHICAGO

**Q6**  
**ALIVE**  
 KMD-TV SPOKANE

**12 ALIVE**  
 KTRR-TV-PHOENIX-MESA

**9**  
**ALIVE**  
 WNCT-TV

# INTERNATIONAL NOTES from

Ken Simon  
513 6th Avenue South  
LAKE WORTH FL 33460

## programa((TV))

(ENVIADO POR LA TELEVISION CUBANA)

### VIERNES

#### ● CANAL 8

12:30—Los muñequitos.  
12:45—Listo Estudio.  
1:00—NTV.  
2:30—Parte meteorológico.  
6:00—Para los Niños: "Pistoleros reñegados" (RDA). "Cómo Fedra construye su casa" (Checoslovaquia). "El conejito que no quería dormir" (URSS).  
7:00—A Jugar.  
7:27—En tres minutos. (Boletín Informativo del NTV).  
7:30—Aventuras: "La máscara roja". (Capítulo 84).  
8:00—NTV.  
8:30—Te doy una canción: "Los jóvenes opinan". Grupo Guakán, Pablic Milanes.  
9:00—La Novela: "La familia". (Capítulo 10).  
9:27—En tres minutos. (Boletín Informativo del NTV).  
9:30—Ciencia y Salud: "Casa del niño diabético".  
10:00—Telecine: "Un, dos, pasan los soldados" (URSS) (e).  
Al cierre: NTV.

#### ● CANAL TELE-REBELDE

11:30—Carrusel.  
12:00—Meridiano: Grupo Colonial, Los Dan.  
1:00—NTV.  
1:30—Cine del Ayer: "Los tres mosqueteros" (Argentina).  
5:00—Gimnasia.  
6:30—De todo un poco: Los Juegos Panamericanos.  
7:00—Comparecencia del señor Ahmet Ali Maisari, embajador extraordinario y plenipotenciario de la República Popular Democrática de Yemen en Cuba, por el aniversario del proceso de rectificación.  
7:15—Documentales: "Melodías del bosque" (URSS).  
7:15—Noticiero para las provincias orientales.  
7:30—El hombre en su mundo: Dedicado al 465 aniversario de Santiago de Cuba.  
8:00—NTV.  
8:30—La Trepadora. (Capítulo 22).  
9:00—Encuentro de voleibol masculino: Cuba vs. Italia. (Control remoto desde la Ciudad Deportiva).  
Al finalizar el voleibol: Noticiero Deportivo. Noticiero para las provincias orientales. (Emisión final).  
Al cierre: Cine en TV: "Y saluden de mi parte a las golondrinas" (Checoslovaquia).

Mexican information has been slim and hard to come by since Glenn "MR. SECOND HARMONIC" Hauser left the Texas area...but here are a few tidbits:

\*\*\* Channel 2 in Matamoros is on the air, mostly in English and with frequent ads for records with McAllen, Texas, addresses. It was monitored with a 3/4 CB test pattern and call XHRI0.

\*\*\* Canal 13, the educational network, has some new stations on using overlays to ID, but no locations. John Combs has written for info. He has logged XHAO on channel 4 and XHGE on channel 5.

\*\*\* Steve West in Gainesville FL has logged XHBO, ch 3, in Oaxaca. This was formerly listed as a CP.

\*\*\* Some formerly mute stations are using overlay IDs. These include: XHIA-2, XEZ-3 and XHD-4.

FROM CUBA comes strange news, according to the newspaper GRANMA, only Canal 6 and TeleRebelde are on! Has anyone seen a ICR Canal 2 station recently? Also, Dr. Richard Wood reports seeing COLOR from Cuba on channel 5!

And from Richard Clark in DOMINICAN REPUBLIC comes some photos of his locals and some Puerto Rican stations. (See future PHOTO NEWS columns.)

73's

*Ken*

SIMON  
513 Sixth Ave. South  
Lake Worth, FL 33460 U.S.A.

Cambia para lo nuevo del Doble Uno



ONCE



WKAQ-TV

TELECADENA PEREZ PERRY  
CANALS 11-9-8-44



VENEVISION DE PUERTO RICO





# WORLDWIDE TV-FM DX ASSOCIATION

Post Office Box 97 Calumet City IL 60409 U.S.A.

**TOUGH  
TO BEAT!**

Established 1967

SERVING THE VHF-UHF DX ENTHUSIAST



DUES: U.S. and CANADA, \$13 (via first class); overseas, \$18 (via air mail)

The VHF-UHF DIGEST is the official publication of the Worldwide TV-FM DX Association. WTFDA is a non-profit organization and a member club in the Association of North American Radio Clubs (ANARC).

Persons contributing their efforts for the Worldwide TV-FM DX Association do so without any monetary compensation. Dues and all other revenue cover printing, postage, and other expenses.

The WTFDA is governed by a five-man board of directors, composed of Morrie Goldman, Mike Hogan, Pete Oprisko, Bill Thompson, and John Zondlo. ANARC representatives are Morrie Goldman, Pete Oprisko, and John Zondlo.

EDITOR-IN-CHIEF.....	Bill Thompson	COMPTROLLER.....	Gary Olson
PUBLISHER.....	Pete Oprisko	BOOKKEEPER.....	Bruce Elving
CIRCULATION.....	John Zondlo	PROCESSING.....	Dave Janowiak
DISTRIBUTION.....	Mike Hogan	LITERATURE.....	Morrie Goldman

S U P P L I E S and D X L I T E R A T U R E Available from WTFDA HQ.

REPRINT SERVICE....Articles from May 1972 through 1978 are available.  
A complete catalog can be obtained FREE from HQ.

VUD Back Issues....Available: January 1975 to present. 50¢ each

BEYOND SHORTWAVE....An introduction to TV, FM, and VHF-UHF radio, written by prominent DXers. \$1.50

THE FM ATLAS AND...An accurate and detailed listing of FM \$4.50  
STATION DIRECTORY with maps and special articles, written by via 1st  
(Latest Edition!) Bruce F. Elving, VUD FCC FM News editor. class  
Also available at \$3.95 via 3rd class.

EDUCATIONAL FM.....A comprehensive guide to the educational FM \$2.00  
GUIDE (EFM) stations in the U.S., featuring schedules.

ONDAS FM.....A guide to coastal U.S., Central and South \$3.00  
American FM stations, featuring FM Atlas-style maps. English and Spanish articles.

Club Rubber Stamp...Official WTFDA emblem, as at the top of \$3.50  
this page, 37 mm in diameter. Order from  
Weldon Patterson-Box 25-Adolph, MN 55701

WTFDA Stationery....Features official WTFDA emblem, as at the 45 sheets  
top of this page, printed in blue on bond. \$1.00

DX Log Sheets.....Punched for a 3-ring binder. Great to pad of 100  
keep DXers' running logs neat and orderly. \$3.50

VUD Boxers.....Attractive cases designed to keep copies \$1.50  
of the VHF-UHF DIGEST organized. each

Station QSL.....For requesting QSLs (verifications) from 50 sheets  
Report Forms TV and FM stations. Offset printed. \$2.00

DX Column.....For reporting to the DX columns printed FREE for  
Report Forms each month in the VHF-UHF DIGEST. a S.A.S.E.

All columns and feature articles to be printed in any VUD issue should be sent to editor Bill Thompson, 1907 Seneca Street, Buffalo, New York 14210. All information for VUD columns should be sent to the appropriate editors; all club business (supply orders, etc.) should be sent to HQ.



Manitoba

SEPTEMBER 1979

Brandon new Ch 21 CEWFT-10 5.5kw ex CEWFT (3) Winnipeg  
 Foxwarren CKX-TV-1 (11) power from 6.64kw to 46.8kw.  
 Minnedosa new Ch 2 Denied 100kw ex CKND (9) Winnipeg

Applications:

Mafeking CEWFT (2) wishes to introduce local programming from the studios of Western Manitoba Broadcasting in Dauphin

New Brunswick

Edmunston CEBAFT-2 (13), formerly CJER-TV-1 power from 1.43kw to 8.5kw.

Applications:

Nequac CEBAFT-3 (3) power from 550w to 45w.

Newfoundland

Ferryland new Ch 4 8.9w ex CBNT (8) St. John's  
 Petty Harbour new Ch 13 8.9w ex CBNT (8) St. John's  
 St. John's new Ch 12 Deferred 60w " " " "  
 St. John's new Ch 4 Deferred 93w ex SRC via Anik  
 The CRTC wishes a study conducted to see if this relatively small city can be served without requiring so many transmitters. This has been going on for quite a while -- see Canadian News VUD May 77 page 34.

Nova Scotia

Bay St. Lawrence new Ch 13 8.9w ex CBIT (5) Sydney  
 Digby new Ch 52 6kw ex CBHT (3) Halifax  
 Digby new Ch 58 6kw ex CEBAFT (11) Moncton NB  
 Dingwall new Ch 12 3.9w ex CBIT (5) Sydney  
 Halifax new Ch 20 Denied to ATV  
 Ingonish new Ch 2 8.9w ex CBIT (5) Sydney  
 Middleton new Ch 8 17.2kw ex CBHT (3) Halifax  
 Middleton new Ch 46 120 kw ex CEBAFT (11) Moncton NB  
 Port Hawkesbury new Ch 3 5.6kw ex CJCE (4) Sydney  
 Shelburn CBHT-2 changes from Ch 8 to 7 power from 423w to 8.4kw  
 Sydney CBIT (5) power to 61kw  
 Turo new Ch 12 8.4w ex CJCH (5) Halifax  
 Valley new Ch 12 8.4w " " " "  
 Yarmough CJCH-TV-7 changes from Ch 13 to 40 power from 5w to 12kw

Northwest Territories

Tungsten new Ch 10 1w ex CBC Anik

Ontario

Armstrong new Ch 10 1w ex CKPR (2) Thunder Bay  
 Armstrong new Ch 13 8.4w ex CBHD (4) Thunder Bay  
 Atikokan\* new Ch 13 Denied 8.4w CTV network  
 Atikokan\* new Ch 4 Denied 5w Brough tapes  
 Atikokan\* new Ch 11 Denied 10 w Northern Lights tapes  
 Caramat\* new Ch 4 5w Brough tapes  
 Caramat\* new Ch 4 8.5w TVO tape delay  
 Chapleau new Ch 13 487w ex CBFT (25) Toronto  
 Chapleau\* new Ch 3 Denied 5w Brough tapes  
 Cochenour\* new Ch 11 Denied 10w Northern Lights tapes  
 Cochenour\* new Ch 3 Denied 5w Brough tapes  
 Dryden\* new Ch 4 8.4w CTV network  
 Dryden\* new Ch 4 Denied 100w CTV network  
 Dryden\* new Ch 4 Denied 40w Brough tapes  
 Dryden\* new Ch 11 Denied 10w Northern Lights tapes  
 Dubreuilville new Ch 7 10w ex CBFT (25) Toronto

Far Falls*	new Ch 7	9.4w	CTV network
Far Falls*	new Ch 14	10w	CTV network
Far Falls*	new Ch 4	5w	Brough tapes
Far Falls*	new Ch 11	10w	Northern Lights tapes
Far Falls*	new Ch 6	10w	TVO tape delay
Ft. Frances*	new Ch 4	9.4w	CTV network
Ft. Frances*	new Ch 25	100w	CTV network
Ft. Frances*	new Ch 4	5w	Brough tapes
Ft. Frances*	new Ch 11	10w	Northern Lights tapes
Geraldton*	new Ch 6	5w	Brough tapes
Geraldton*	new Ch 11	10w	Northern Lights tapes
Horne Payne*	new Ch 4	1w	Brough tapes
Ignace*	new Ch 8	9.4w	CTV network
Ignace*	new Ch 14	10w	CTV network
Ignace*	new Ch 4	5w	Brough tapes
Ignace*	new Ch 11	10w	Northern Lights tapes
Ignace*	new Ch 6	10w	TVO tape delay
Kenora*	new Ch 13	17.3w	CTV network
Kenora*	new Ch 21	100w	CTV network
Kenora*	new Ch 4	50w	Brough tapes
Kenora*	new Ch 11	10w	Northern Lights tapes
Longlac*	new Ch 4	5w	Brough tapes
Longlac*	new Ch 11	10w	Northern Lights tapes
Longlac*	new Ch 4	10w	Tape delay
Longlac*	new Ch 6	10w	Tape delay
Manitouwadge*	new Ch 3	5w	Brough tapes
Marathon*	new Ch 8	5w	Brough tapes
Mattabi Mines*	new Ch 4	5w	Brough tapes
Mattabi Mines*	new Ch 11	10w	Northern Lights tapes
Moosonee*	new Ch 4	5w	Brough tapes
Moosonee*	new Ch 11	10w	Northern Lights tapes
Nakina*	new Ch 4	5w	Brough tapes
Nakina*	new Ch 11	10w	Northern Lights tapes
Nakina*	new Ch 4	10w	TVO tape delay
Nakina*	new Ch 6	10w	French tape delay
Pickle Lake*	new Ch 4	5w	Brough tapes
Pickle Lake*	new Ch 11	10w	Northern Lights tapes
Pickle Lake*	new Ch 4	9w	Tape delay
Rainy River*	new Ch 4	5w	Brough tapes
Red Lake	new Ch 12	9.4w	CTV network
Red Lake	new Ch 7	100w	CTV network
Sault Ste Marie	new Ch 26	1.2kw	ex CELFT (25) Toronto
Schrieber*	new Ch 6	5w	Brough tapes
Sioux Lookout*	new Ch 7	9.4w	CTV network
Sioux Lookout- Hudson*	new Ch 3	9.4w	CTV network
Sioux Lookout*	new Ch 4	5w	Brough tapes
Sioux Lookout*	new Ch 11	10w	Northern Lights tapes
Sioux Lookout*	new Ch 6	10w	TVO tape delay
South Bay Mine*	new Ch 4	5w	Brough tapes
South Bay Mine*	new Ch 11	10w	Northern Lights tapes
South Bay Mine (Township of Dent)*	new Ch 4	1w	Tape delay
Terrace Bay*	new Ch 3	5w	Brough tapes
Terrace Bay*	new Ch 11	10w	Northern Lights tapes
Thunder Bay	new Ch ?		ex CELFT (25) Toronto
Timagami	new Ch 15	14.2kw	ex CFNB-TV (4) North Bay
Wawa	new Ch 16	7kw	ex CELFT (25) Toronto
Wawa*	new Ch 4	5w	Brough tapes
Wawa*	new Ch 11	10w	Northern Lights tapes
Wawa*	new Ch 4	1w	Tape delay
White River*	new Ch 4	5w	Brough tapes

\* The CRTC issued new guidelines for low power stations in remote regions, slightly easing the rules governing these stations. They would be allowed where there was no TV or only a CBC relay. The licensing of the transmitters carrying the CTV network therefore precludes this type of operation in those towns. If local ownership and operation were available, licences would be granted to Longlac, Nakina, Pickle Lake, South Bay Mine, Saramat, Mattabi Mines, Moosonee and Rainy River. If local ownership were not available, consideration (cont.)

would be given to the applications from David Frouch, Northern Lights and some others. (The bids for TVO tape delay stations were private.) Frouch would be considered for Longlac, Nekima, Pickle Lake, South Bay Mines, Caramat, Mattabi Mines, Moosonee and Rainy River. Northern Lights for Longlac, Nekima, Pickle Lake, South Bay Mines, Moosonee, Mattabi Mines and other applicants for Longlac, Nekima, Pickle Lake, South Bay (Township of Dent) and Caramat. It should be noted, however, that David Frouch, at least, already has stations on the air and he has indicated that he intends to continue operation. The applications for his transmitters may, in fact, represent stations now on the air. See FCC News in the WUD for Sept 78 p.3.

#### Applications:

Atikokan	CFMT-1 (7)	power from 54kw to 3.9kw	
Geraldton	new Ch 7	2.3kw	ex CELEST (25) Toronto
Manitouwadge	new Ch 15	9.8kw	" " " "
Toronto	CFMT-TV	seeks change from Ch 45 to 47 and power increase from 104.5kw to 307kw on the CN Tower.	

#### Prince Edward Island

Charlottetown	new Ch 31	91kw	ex CBAFT (11) Moncton
---------------	-----------	------	-----------------------

#### Quebec

Campement Duplantier II*	new Ch 9	10w	ex SRC via Anik
Campement Golette*	new Ch 12	10w	" " " "
Camp Levaeren-drye*	new Ch 10	10w	" " " "
Camp Nemiskau*	new Ch 10	10w	" " " "
Deception Bay (Asbestos Hill)	new Ch 13	8.9w	ex CBC via Anik
Gros Morne	new Ch 4	10w	ex CEGAT (6) Matane
Hull	CFVO (30)	power to 715.3kw	
Hull	CHOT (40)	power to 275.1kw	(TVA network)
Ile de la Madeleine	CBMT (12)	power from 1.48kw to 2.8kw	
La Tabatiere	new Ch 10	62w	ex CBMT (6) Montreal
Lithium Mines	new Ch ?	CFPM-TV-1	ex CFPM (?) Rouyn-Noranda (?) TVA net
Manouane	new Ch 5	10w	ex SRC via Anik
Mersoui	new Ch 12	10w	ex CEGAT (6) Matane
Obedjiwan	new Ch 10	10w	ex SRC via Anik
Riviere St Paul	new Ch 11	23w	ex CBMT (6) Montreal
Rouyn/Noranda	new Ch ?	CFPM-TV	TVA Network
Weymont	new Ch 6	10w	ex SRC via Anik



#### Applications:

Erissay Camp*	CHLG-TV-4	change from Ch 4 to Ch 12 and power from 110w to 10w	
Campement LG4*	CHLG-TV-1	change from Ch 5 to Ch 6 and power from 128w to 53w	
Chibougamou Camp Mirage*	new Ch 4	236w	ex CBMT (6) Montreal
(near Camp LG3)	new Ch 12	10w	ex SRC via Anik
Pontange Camp*	CHLG-TV-7	change from Ch 2 to Ch 12 and power from 100w to 10w	
Fort St. George	new Ch 12	10w	ex CBMT (6) Montreal
Jonquiere	CKRS-TV (12)	power to 161kw	
Mistassini Station	new Ch 9	10w	ex CBMT (2) Montreal
Mistassini Station	new Ch 12	10w	ex CBMT (6) Montreal
Murdochville	new Ch 21	10w	" " " " "
Nouveau Comptoir	new Ch 12	10w	" " " " "
Trois Pistoles	new Ch 8	10w	ex CBMT-TV (9) Riviere du Loup

\* Construction camps at the James Bay hydro-power project

Saskatchewan

SEPTEMBER 1979

Pellaganda	new Ch 26	11.4kw	416'x	CEWFT (3) Winnipeg MB
Cypress Hills	new Ch 2	2.3kw	305'x	CJFP (5) Swift Current
Detden	new Ch 22	2.9kw	310'x	CEWFT (3) Winnipeg MB
Port Qu'Appelle	CEKFT-3 changes from Ch 5 to Ch 4 and power from 5 w to 8.9w			
Moose Jaw	new Ch 16	6.0kw		ex CEWFT (3) Winnipeg MB
Ponteix	new Ch 3	10.5kw	650'x	ex CJFP (5) Swift Current
St. Brieux	new Ch 7	CEKFT-4	1.4kw	185'x CEWFT (3) Winnipeg MB
Southend	new Ch 13	3.6kw		ex CEKST (11) Saskatoon
Willow Bunch	new Ch 21	9kw		ex CEWFT (3) Winnipeg MB
Yorkton	CKOS-TV (3) power to 14kw			
Zenon Park	new Ch 21	CEKFT-5	3kw	310'x CEWFT (3) Winnipeg MB

Applications:

Davidson	new Ch 14	11.4kw		ex CEKFT (9) Regina (Withdrawn)
Gravelbourg	new Ch 45	1.9kw		ex CEKFT (9) Regina
Gravelbourg	CEKFT-6 power from 20.9kw to 19kw 615'			
Marango	new Ch 15	12.8kw		ex CEKST (11) Saskatoon

Yukon Territory

Clinton Creek CEDCT (8) deleted\*

Applications:

Keno Hill	new Ch 5	5w		ex CEKFT (13) Keno Hill
Miles Ridge	new Ch 12	10w		ex CFBF (7) Beaver Creek

\* In this case when the mine closed, the town was dismantled including a bridge into the place and shipped out so that nothing now remains.

PROPOSED CANADIAN UHF-TV PLAN

ONTARIO

Channel No.

Arnprior.....	22
Barrie.....	14, 30, 42, 55
Belleville.....	15, 39, 52, 57, 62
Brantford.....	56
Brockville.....	36
Chatham.....	48, 59
Cobourg.....	64
Collingwood.....	26
Cornwall.....	27, 39, 45, 55, 61
Exeter.....	44
Forest.....	34
Gananoque.....	19
Goderich.....	55
Guelph.....	67
Hamilton.....	50
Hanover.....	68
Kingston.....	32, 38, 48, 54, 60, 65
Kitchener.....	28, 33, 39, 61
London.....	18, 40, 52, 64, 69
Midland.....	51
Niagara Falls.....	23, 45
Orillia.....	32
Oshawa.....	31
Ottawa.....	24, 35, 53, 53, 63, 69
Owen Sound.....	40
Pembroke.....	28
Penetanguishene.....	34
Peterborough.....	13, 27, 44, 56, 63
Prescott.....	47
Renfrew.....	50
St. Catharines.....	50
St. Thomas.....	46
Sarnia.....	16, 29, 42, 51, 68

Smiths Falls.....	44
Stratford.....	36
Toronto.....	19, 25, 41, 47, 53, 53
Trenton.....	26
Uxbridge.....	22
Welland.....	48
Windsor.....	22, 26, 32, 43, 53
Wingham.....	43
Woodstock.....	15

QUEBEC

Channel No.

Asbestos.....	52
Buckingham.....	19
Chapeau.....	23
Coaticook.....	61
Donnacona.....	51
Drummondville.....	19, 33
Granby.....	21, 43, 59
Hull.....	30, 40
Joliette.....	14
Maneg.....	30
Montreal.....	17, 23, 34, 46, 56, 62, 67
Plessisville.....	61
Quebec.....	15, 24, 35, 45, 57
Ste. Adele.....	50
St. Hyacinthe.....	54
St. Jean.....	21
St. Jerome.....	56
Shawinigan.....	41, 60
Sherbrooke.....	39, 59, 63, 69
Surel.....	25, 36, 65
Thetford Mines.....	26, 32, 43, 53, 66
Trois Rivieres.....	16, 23, 47, 68
Valleyfield.....	29
Victoriaville.....	42, 53, 64

THE CANADIAN INFO on the preceding pages covers early September 1978 to about the end of June 1979. We still have a gap of info from April 1 to September 1, 1978, but Walter will try to locate the missing information when possible. Thanks again, Walter!

A BEVY OF NEW TRANSLATORS is cropping up, especially in Florida, where CPs were issued for 25 new 100-watt translators all through the Keys. The two WTOG-44 applications for kilowatt translators may simply be the first of many such applications. WTOG-44, don't forget, is owned by Hubbard Broadcasting, who are also owners of KSTP-5 and it's numerous translator applications. Also, note how Spanish International Network is planning to use many translators to provide Spanish language service in areas where none currently exists.

CONFUSION IN KNOXVILLE concerning the three local commercial stations: WATE-6 has been wooed away from its long-standing affiliation with NBC and has signed with ABC. That much we already knew. However, NBC has its eyes not on ABC-reject WTVK-26, but on current CBS affiliate WBIR-10. The idea of taking on NBC is attractive to WBIR-10 in light of the 1980 Olympics. WATE-6's contract with NBC expires on October 1; however, all three stations would like to have their affiliations settled at least three weeks sooner--to avoid viewer confusion that would result from the changes taking place 3 weeks into the new TV season!

OTHER ABC NEWS: The network switch between WTHR-13 and WRTV-6, both Indianapolis, took place on June 1.....new WMDT-47 Salisbury MD (Not on yet) has affiliated with ABC.

KTAR-12 on CHANNEL 27! Well, that's how an uID logging might read if you're not careful. On July 29 from 2000-2300 EDT, NBC re-ran the movie "Fire in the Sky", about a renegade comet that destroys Phoenix before your very eyes. The movie is one long plug for Phoenix affiliate KTAR-12; Elizabeth Ashley plays an executive with KTAR, mini-cams are frequently seen displaying the KTAR logo, etc., etc. Any confusion that may have resulted, however, should be alleviated by the fact that KTAR-12 is now KPNX-12! And, oh yes, Phoenix really is still all there....

TV NON-IDs? Heaven forbid, but it's true. TV stations have long made use of slogans and non-IDs, but many are taking on the trend of their FM kinfolk and using non-IDs with increasing regularity, some to the virtual exclusion of any more than the required legal ID, which often consists of barely discernable microscopic call letters anyway! 2 notorious proponents of this practice, as noted here on summer Es, are KYW-3 with their "3 for all" non-ID, and KTVO-3, who almost always IDs as "Your Friend 3." I believe it's time to take on the unfortunately needed task of running TV non-IDs in this column. Your help in this endeavor naturally, is needed!

THE "24 HOUR" CLUB has a new member; WFTV-9 in Orlando. They now program around the clock, 7 days a week. The c.e. says that the only time they will ever go off again is in case of an emergency, and he adds that modern transmitters no longer require the extensive testing and routine maintenance of the past.



Typical TV Non-ID; WTVX-34 FL

THE FIRST MULTI-LINGUAL TV STATION in North America is scheduled to be CHMT-47, scheduled to begin broadcasting from Toronto on September 3. They plan to broadcast in 40 languages! (40--count 'em--40) The station is getting a mixed reaction in Toronto, as CRTC regulations will require CATV systems to "bump" an American station from Chs. 2-13 to a mid-band or super-band channel, which not all subscribers are equipped to receive, in order to make room for CHMT-47.

BIZZARE DEPARTMENT: It was reported by UPI that a man with a history of mental illness, who had shot his estranged wife to death, proceeded to call WPLG-10 in Miami to confess to the shooting, and wanted to know if he would be paid for his news tip! No fooling!

PAY-TV NEWS NOTES: WXON-20 in Detroit is now running pay-TV programming....WKID-51 is scheduled to begin programming an evening pay-TV schedule shortly, replacing the religious programming that had previously filled the evening hours. (For those who know of him, the inimitable Dave Dixon retains his All-Night show on the same station!).....Comsat is seriously considering offering home-satellite reception of pay-TV utilizing small rooftop antennas and relatively inexpensive converters. A similar system is being test-marketed in Japan.

MISCELLANY: WGCN-49 Red Lion PA reported on, but not official....Full Gospel Businessmen's Fellowship wants a 100-w UHF xlr in Muncie IN to repeat the 24-hour PTL Satellite Network--reportedly the first of many proposed xlr's....Two new IA xlr's making good DX: K38AB Ft. Madison (1-kw) and K54AF Keosauqua (100-w), both relay KIIN-12....New licensee of Orlando Ch. 35 wants WOFT-TV calls....a Christian concern is struggling to receive CP for Ch. 24 in St. Louis....The Ch. 14/60 switch in San Francisco has taken place....little WCMC-40 in Wildwood NJ being sold--plans are to up tower & power to more effectively represent South NJ market....2 new "supertowers" planned by KQTV-2 MO and WCTI-12 NC--both will rise nearly 2000'....WLIW-21 Garden City NY is back on-air with improved signal.....

CONTRIBUTORS: Robt. Baker, Humboldt IA; Leo Boehl, Gr. Island NE; Phil Boersma (WKJR-AM/FM), Spring Lake MI; Robt. Goodman, Cicero IL; Glenn Hauser (WUOT), Knoxville TN; David Leibold, Blyth ON, Canada; Greg Monti, Bayville NY; Walter Patton, Montreal PQ, Canada; Paul Petosky (WIDG-AM), St. Ignace & elsewhere MI; Ken Simon, Lk. Worth FL; Ralph Strobel, Muncie IN; Jeff 36 f, Silver Spring MD; Tom Yingling, Baltimore MD. **WHEW!** Many "jewels" from the new 1979 TV YEARBOOK (yes, it's finally out, hi!) will have to wait until October!.....73, JOHN.





John F. Combs continued

June								
3 Tr	2130	Panama City Vs	13 Es	1903	WTMJ-4 WI 1069	18 Tr	0830	WJPM-33 SC 408
Es	2246	WBBM-2 IL T		1907	KDAL-3 MN 1387			WRLK-35 SC 385
4	2030	Unided 2-4			MUF 93.3			WCWB-41 GA 318
6	1625	WKAQ-2 PR 1184		1916	WEAY-2 WI 1133			WANX-46 GA 403
	1627	WAPA-4 PR 1184		1930	WJMN-3 MI 1253	0835		WYBA-38 GA 341
	1631	WIFM-3 PR 1156		1959	KTCA-2 MN 1350	0840		WATL-36 GA 403
Tr	2245	W64AD-64 FL 164		2010	WISC-3 WI 1099	0850		WRET-36 NC 465
7 Es	1220	WKAQ-2 PR 1184		2159	KLNE-3 NE 1311	0855		WJSP-28 GA 357
		WIFM-3 PR 1156	14	2201	KMTV-3 NE T <sub>3</sub>	2115		W64AD-64 FL 164
		WAPA-4 PR 1184		0940	t/in CCI 2-6			W61AA-61 FL 184
	1410	KBTX-3 TX 910			WKYC-3 OH 887	2145		W69AA-69 FL 190
	1415	KFRC-2 TX 857		0955	WOAY-4 WV 655	2333		WRJA-27 SC 373
	1420	KMOL-4 TX T			Oak Hill			WPTF-28 NC 523
		KENS-5 TX T			Ch. 4 #45			WJPM-33 SC 408
	1427	Unided 4, NBC,		1000	WTVB-4 NY 986			"U/W33AA"
		1/2 hour delay			WCYR-3 NY 1031	2335		W64AD-64 FL at
	1428	KIII-3 TX T		1040	KDKA-4 PA T			VAFI 3445, very
	1449	Unided 3, NBC,		1058	WCIA-3 IL 951			watchable (all
		1/2 hour delay		1059	KTVY-4 OK 1059			XLT'rs relaying
	1800	WIFM-3 PR 1156			"WOAY still in"			WDBO CCI)
Tr	2240	WCIX-6 FL 226		1146	KTVO-3 MO 1039	19	0825	W64AD-64 FL 164
		"putting much CCI		1159	CKVR-3 ON 1096		0840	W61AA-61 FL 184
		O/ 7-mi. local		1205	WDIV-5 WV 735		2205	WJWJ-16 SC 290
		WDBO, unusual.		1208	CBLT-5 ON 1058			WEBA-14 SC 310
8 Es	1054	WKAQ-2 PR 1184		1217	MUF 92.9		2214	WRJA-27 SC 373
		WAPA-4 PR 1184		1238	WTVH-5 NY T		2218	W64AD-64 FL 164
	1415	YSR-2 ES T		1241	WPSX-3 PA 856	20 Es	1745	Unided 2-4
		YSR-4 ES T		2159	KFDX-3 TX 1078		2330	Poss. CCI 2-4
		"15 Hz CCI to		2225	KDFW-4 TX 967	23	1030	CCI 2-4
		WESH, dubbed			KPRC-2 TX 857		1120	WAPA-4 PR T
		western"		2233	KWAB-4 TX 1221		1920	WKAQ-2 PR 1184
	1441	TGV-3 Guat T			KACB-3 TX 1147			WIFM-3 PR 1156
	2250	KQTV-2 MO 1089	16	0720	Noted-no time			WAPA-4 PR 1184
		KMTV-3 NE 1209		1620	" " "			WORA-5 PR 1161
		KSNE-4 NE 1232	17 Tr	0740	Panama City V's		1954	MUF 96.9
		KHAS-5 NE T	Es	1405	WFSU-11 FL 230	24 Tr	0720	WMBB-13 FL 263
	2302	MUF 90.5			Unided 2 to SE,			WREL-3 GA 329
Tr	2355	Panama City V's			brief-prob. WKAQ		0735	WGOV-20 AL 392
9 Es	0738	-0800+ various	Tr	2230	WEAR-3 FL 401			WDHN-18 AL 301
		Midwest unideds			Panama City V's		0745	WALB-10 GA 244
		(much Me this morn.			WKRQ-5 AL 417		0755	WACS-25 GA 302
		confusing things)			WFSU-11 FL 230			WDGO-15 GA 294
Tr	0805	WBMG-42 AL 469			WGNO-26 LA 534		0758	WCWB-41 GA 318
		WYBA-38 GA 341		2250	WYES-12 LA 525		0850	WJSP-28 GA 357
Es	0814	KQTV-2 MO 1089			WLOX-13 MS 488	Es	0906	CCI 2
	0820	WDAF-4 MO 1048			WMAH-19 MS 479		0920	XEFB-3 NL 1185
		KOMO-5 MO 1048		2300	WWL-4 LA 533			KGET-4 TX 1023
	0930	MUF 94.7 MHz		2315	WETQ-42 AL 417		0933	KRGV-5 TX 1020
10	0900	KJAC-4 TX 767		2320	WVUE-8 LA 525		0951	XHRIO-2 TAMS 995
		KXAS-5 TX 967			WALA-10 AL 415			(correct calls as
	0909	KWAB-4 TX 1221		18	0000	WRBT-33 LA 603		per ID on 3/4 CB,
		0912 MUF 93.1			WDHN-18 AL 301			not XHCR as per
	0928	KMOL-4 TX 1025		0035	WLPB-27 LA 603			Stn. Guide)
Tr	2225	WEBA-14 SC 320		0120	WAFB-9 LA 603		1025	XHAE-5 COAH 1215
		WJWJ-16 SC 290		0230	WTVY-4 AL 299			Saltillo
		WRJA-27 SC 373		0710	Brief check-		1455	HISD-4 DR 1005
		WLTX-19 SC T			WRBT-33 snow			WAPA-4 PR 1184
11	0815	Charleston V's			free			WKAQ-2 PR 1184
		strong		0815	WRBT-33 LA 603		1500	WIFM-3 PR 1156
	0835	Panama City V's			WGNO-26 LA 534		1525	WYSR-3 NY 1036
12 Es	1000	Unided 3		0829	WMAH-19 MS 479		1530	KYW-3 PA 868
		1650 CCI 2-4			WRJA-27 SC 373		1535	WRC-4 DC 760
	1843	WKAQ-2 PR 1184			WACS-25 GA 302		1545	WMAR-2 MD T
		WIFM-3 PR 1156			WLTX-19 SC 392		1602	WTVH-5 NY 1036
		WAPA-4 PR 1184			WDGO-15 GA 294		1615	WPSX-3 PA T
	1852	WORA-5 PR 1161			WPTF-28 NC 523		1630	WTAE-4 PA T
13	1840	CCI 2-3		0830	WETV-30 GA 403		1630	WDIV-4 MI 968
	1900	WFRV-5 WI 1133			WNSC-30 SC 433		1645	WNEM-5 MI 1041

John F. Combs Continued

JUNE		At Gainesville, FL			
24	Es 1654	NEWS-5 OH 918 Cleveland	29	Es 1500	CBOT-4 ON 1120 "and several unideds"
	1707	MUF 94.7	2030	KTVO-3 MO 935	0835 WCOB-41 GA 318
	1712	WOMH-4 OH 797		KQTV-2 MO T	0844 WATV-26 SC 337
	1728	KTVY-4 OK 1059	2053	KTVI-2 MO T	0845 WCEB-20 GA 329
	1730	WJMM-3 MI 1253	2100	WDAF-4 MO 945	0858 WIS-10 SC 387
	1735	Unided TX		"MUF at least 94.9 MHz"	4 Es 2100-2130+ various unideds to TX area.
	1751	WBEM-2 IL T	Tr 2300	WCIV-4 SC 260	Tr 2140
	1756	WFSC-3 CT 1034		WITV-7 SC 260	WLTX-19 SC 392
	1800	WNBC-4 NY 942		WVAN-9 GA 180	WJWJ-16 SC 290
	1803	WNEW-5 NY T		"above 3 on CATV"	WRJA-27 SC 373
	1810	WIVB-4 NY 986		WEBA-14 SC 250	WRLK-35 SC 385
	1821	KDKA-2 PA 829		WJWJ-16 SC 220	WJPM-33 SC 408
	1825	WTAE-4 PA 815	30	Es 1750	WUNJ-39 NC 440
	1830-1930+	MUF 107.9		t/in, CCI 2-4	WBTW-13 SC T
	1944	WSAU-7 WI T		1810	WITV-7 NC T
	1957	WLS-7 IL T		1835	2155
		Ø to WJCT, CBS		WGR-2 NY 930	2155
		Ø offset to WJCT in and out over next 30-40 min.		WBEM-4 NY T	2220
25	0045	CKVR-3 ON 1096	Tr 2150	WEBA-14 SC 250	2220
	0055	CKSO-5 ON 1252		WEVU-26 FL 250	2230
	0114	CKCO2-2 ON T		WXLT-40 FL 160	"Had to quit"
	0125	CKSO1-3 ON 1250		WUNJ-39 NC 410	5
		Elliot Lake		WUNK-25 NC 510	Es 0905
		(Auroral type hash and loss of horz. sync during fades on this opening-could be Au-induced Es make it this far South ?)	JULY		1845
	0835	Unided 3/4 CB 4	1	Tr 0035	1845
	0920	Unided 3, 3/4 CB, full CB		0040	1800
	0922	CKCO2-2 ON T		WESC-5 SC T	1845
		WSYR-3 NY 1036		WECT-6 NC 410	1800
	0926	MUF 93.1		"ABC audio U/ WDBO"	2Es? 1814
	0955	WNBC-4 NY 942		0045	St. John
		WCBS-2 NY T		1020	"Local ad confirmed with Directory assistance, province #3."
	1010	WTVH-5 NY 1036		1059	1815
	1126	WTSC-3 WI 1099		KPRC-2 TX 795	1816
	1229	WBEM-2 IL T		1107	1836
	1258	KTVO-3 MO 1039		WSYR-3 NY 960	1836
		WCIA-3 IL 951		2215	1850
	1303	KSD-5 MO 864		T/in, unideds to TX until 2250	1854
	1312	WOC-6 IA T		MUF at least to 88.1 MHz.	1856
	1314	KMOX-4 MO 864	2	1230-1330	1900
	1318	WSIL-3 IL T		Noted mobile on car FM to KS, MO; MUF at least 94.9 Mhz.	1956
	1324	MUF 94.7 MHz			2000
	1325	KTVI-2 MO 864		Back at Orlando	2000
	1332	KSNB-4 NE T	2	Es 1800	20845
	1341	KCMO-5 MO 1048		1800	1330
	1346	WDAF-4 MO 1048		WCCO-4 MN 1350	T/in unideds 2-4, no time
	1354	KQTV-2 MO 1089		1900	15
	1357	KYTV-3 MO 896		1915	1700
		"CCI 2,3 cont. through the aft., no IDs."		1921	XEFB-3 NL 1185
26	1020	CCI noted on 2,3		1957	XHRIO-2 TAMS 995
	1845	CCI noted on 2-4		2030	1710
	1345	CCI 2,3.		WHBF-4 IL 1019	KGFT-4 TX 1023
		(on the above three, John reports he was too busy to ID, ed)		Tr 2150	KRCV-5 TX 1020
28				2240	1720
				WDHN-18 AL 301	1730
				WYEA-38 GA 341	1759
				WGIQ-43 AL 329	1823
				WLTX-19 SC 392	WFSX-3 PA 856
				WTF-28 NC 523	WHSV-3 VA 719
				WEBA-14 SC 320	Harrisonburg
				WJWJ-16 SC 290	1849
				WRJA-27 SC 373	WTAE-4 PA T
				WJPM-33 SC 408	1853
				WRLK-35 SC 385	WKYC-3 OH 887
				WJSP-28 GA 357	1856
				WYEA-38 GA 341	WEMS-5 OH 918
					1922
					MUF 99.1 MHz
					1938
					WHBF-4 IL 1019
					2015
					MUF 99.1 MHz
					2058
					WITV-4 IN 799
					2128
					KFDX-3 TX 1078
					KAUZ-6 TX 1087
					Wchita Falls
					2235
					KPRC-2 TX 857
					KAMR-4 TX 1301

